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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
18/051,749	11/01/2022	Yaron Brunner	066749-3677	9909
142078	7590	10/24/2023		
Reinhart (Milwaukee Tool)			EXAMINER	
ATTN: TRAVIS MCDONNELL, PARALEGAL			WEINERTH, GIDEON R	
1000 NORTH WATER STREET				
SUITE 2100			ART UNIT	PAPER NUMBER
MILWAUKEE, WI 53202			3736	
			NOTIFICATION DATE	DELIVERY MODE
			10/24/2023	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

IPAdmin@reinhartlaw.com



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APPLICATION NO.	ISSUE DATE	PATENT NO.
18/051,749	24-Oct-2023	11794952

Reinhart (Milwaukee Tool)
ATTN: TRAVIS MCDONNELL, PARALEGAL
1000 NORTH WATER STREET
MILWAUKEE, WI 53202

EGRANT NOTIFICATION

Your electronic patent grant (eGrant) is now available, which can be accessed via Patent Center at <https://patentcenter.uspto.gov>

The electronic patent grant is the official patent grant under 35 U.S.C. 153. For more information, please visit <https://www.uspto.gov/electronicgrants>



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APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
18/051,749	10/24/2023	11794952	066749-3677	9909

142078 7590 10/04/2023
Reinhart (Milwaukee Tool)
ATTN: TRAVIS MCDONNELL, PARALEGAL
1000 NORTH WATER STREET
SUITE 2100
MILWAUKEE, WI 53202

ISSUE NOTIFICATION

The projected patent number and issue date are specified above. The patent will issue electronically. The electronically issued patent is the official patent grant pursuant to 35 U.S.C. § 153. The patent may be accessed on or after the issue date through Patent Center at <https://patentcenter.uspto.gov/>. The patent will be available in both the public and the private sides of Patent Center. Further assistance in electronically accessing the patent, or about Patent Center, is available by calling the Patent Electronic Business Center at 1-888-217-9197.

The USPTO is implementing electronic patent issuance with a transition period, during which period the USPTO will mail a ceremonial paper copy of the electronic patent grant to the correspondence address of record. Additional copies of the patent (i.e., certified and presentation copies) may be ordered for a fee from the USPTO's Certified Copy Center at <https://certifiedcopycenter.uspto.gov/index.html>. The Certified Copy Center may be reached at (800)972-6382.

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment is 0 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Center (<https://patentcenter.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Application Assistance Unit (AAU) of the Office of Patents Stakeholder Experience (OPSE), Stakeholder Support Division (SSD) at (571)-272-4200.

INVENTOR(s) (Please see PATENT CENTER site <https://patentcenter.uspto.gov> for additional inventors):

Yaron Brunner, Kibbutz Gvat, ISRAEL;
Grant T. Squiers, Cudahy, WI;
Christopher S. Hoppe, Midvale, UT;
Steven W. Hyma, Milwaukee, WI;

APPLICANT(s) (Please see PATENT CENTER site <https://patentcenter.uspto.gov> for additional applicants):

Milwaukee Electric Tool Corporation, Brookfield, WI;
Keter Plastic LTD., Herzelyia, ISRAEL;

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The USA offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to encourage and facilitate business investment. To learn more about why the USA is the best country in the world to develop technology, manufacture products, and grow your business, visit SelectUSA.gov.

Approved for use through 03/31/2007. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO

Date Submitted: August 17, 2023

(use as many sheets as necessary)

Sheet	1	of	2
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Complete if Known

Application Number	18/051,749
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Filing Date	November 1, 2022
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First Named Inventor	Yaron Brunner
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Art Unit	3736
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Art Unit	0700
Examiner Name	GIDEON R WEINERTH

Attorney Docket Number	066749-3677
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If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: August 17, 2023 <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	18/051,749
				Filing Date	November 1, 2022
				First Named Inventor	Yaron Brunner
				Art Unit	3736
Examiner Name	GIDEON R WEINERTH				
Sheet	2	of	2	Attorney Docket Number	066749-3677

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶

/GIDEON R WEINERTH/

09/17/2023

Examiner Signature	/GIDEON R WEINERTH/	Date Considered	08/22/2023
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



United States Patent and Trademark Office

Office of the Chief Financial Officer

Document Code:WFEE

User :Hieu Le

Refund Accounting Date:09/06/2023

Effective Date	Sale Item Reference Number	Refund Total
06/23/2023	18051749	\$1,200.00

Document Number	Fee Code	Fee Code Description	Amount Paid	Payment Method	Account Number
I202396838297502	1501	UTILITY APPL ISSUE FEE	\$1,200.00	DA	180882



United States Patent and Trademark Office

Office of the Chief Financial Officer

Document Code:WFEE

User :Hieu Le

Sale Adjustment Accounting Date:09/06/2023

Effective Date	Sale Accounting Date	Sale Item Reference Number
06/23/2023	09/06/2023	18051749

Document Number	Fee Code	Fee Code Description	Amount Paid	Payment Method
I202396838297502	1501	UTILITY APPL ISSUE FEE	\$1,200.00	DA



United States Patent and Trademark Office

Office of the Chief Financial Officer

Document Code:WFEE

User :Hieu Le

Sale Accounting Date:09/06/2023

Sale Item Reference Number
18051749

Effective Date
08/30/2023

Document Number	Fee Code	Fee Code Description	Amount Paid	Payment Method
I202396841057506	1501	UTILITY APPL ISSUE FEE	\$1,200.00	Deposit Account

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Milwaukee Electric Tool Corporation et al.
Title: Utility Assembly and Coupling Mechanism
Appl. No.: 18/051,749
Filing Date: November 1, 2022
Examiner: GIDEON R WEINERTH
Art Unit: 3736
Confirmation No.: 9909

ISSUE FEE TRANSMITTAL

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Enclosed herewith please find Issue Fee Transmittal Form PTOL-85(B).

COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE

On page 2 of the Notice of Allowability dated August 30, 2023, the Examiner set forth various reasons for allowance. While the Applicant agrees that the allowed claims recite a combination of subject matter that is patentable over the cited references, the Applicant notes that the recited subject matter as well as various other subject matter and/or combinations of subject matter may be patentable for other reasons than those given by the Examiner. The Applicant expressly reserves the right to set forth additional and/or alternative reasons for patentability and/or allowance in connection with the present Application or in any other future proceeding.

REMARKS

The requisite fees for payment of the Issue Fee were previously paid on June 23, 2023, as reflected on “Part B – Fee(s) Transmittal” submitted herewith, which indicates that a \$1200.00 issue fee payment was previously paid. Consistent with MPEP 1306, Applicant respectfully requests that the previously-paid issue fee be applied toward the issue fee now due.

These Comments on Statement of Reasons for Allowance under 37 C.F.R. § 1.104 are intended to be responsive to the Notice of Allowance dated August 30, 2023.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 18-0882.

Respectfully submitted,

Date August 30, 2023

By /Derek H. Campbell/

Reinhart Boerner Van Deuren s.c.
Customer Number: 142078
Telephone: (414) 298-8374
Facsimile: (414) 298-8097

Derek H. Campbell
Attorney for Applicant
Registration No. 70,608



ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #
18/051,749

RECEIPT DATE / TIME
08/30/2023 03:17:51 PM ET

ATTORNEY DOCKET #
066749-3677

Title of Invention

Utility Assembly and Coupling Mechanism

Application Information

APPLICATION TYPE Utility - Nonprovisional Application
under 35 USC 111(a)

PATENT # -

CONFIRMATION # 9909

FILED BY Sarah Sesterhenn-Lee

PATENT CENTER # 62706201

FILING DATE 11/01/2022

CUSTOMER # 142078

FIRST NAMED
INVENTOR Yaron Brunner

CORRESPONDENCE
ADDRESS -

AUTHORIZED BY Derek Campbell

Documents

TOTAL DOCUMENTS: 2

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
066749-3677- Issue_Fee_Transmittal.pdf	2	Transmittal Letter	92 KB
066749-3677_PTOL.pdf	1	Issue Fee Payment (PTO-85B)	267 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
066749-3677- Issue_Fee_Transmittal.pdf	5AD9366A76EB657CF32D2C48C1FB7B7161BE561E3826B9836 58D0367D7FC61D8FB2DD4892B0CF7DE3F1B6D7EAD971132A B6B2A622F9DBCE5379CE08C5153FEDC

066749-3677_PTOL.pdf

52953AEE88C6CB1244601095D73841F527CE2C8639E3A4C80
B23D5A01380C145EFCDDCC526538685F0A9CFBDEA96AD28F9
C8E81BE4AF5D47B7655C3F60DEC340F

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), by mail or fax, or via EFS-Web.

By mail, send to: Mail Stop ISSUE FEE
Commissioner for Patents
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By fax, send to: (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications. **Because electronic patent issuance may occur shortly after issue fee payment, any desired continuing application should preferably be filed prior to payment of this issue fee in order not to jeopardize copendency.**

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Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

142078 7590 08/30/2023
Reinhart (Milwaukee Tool)
ATTN: TRAVIS MCDONNELL, PARALEGAL
1000 NORTH WATER STREET
SUITE 2100
MILWAUKEE, WI 53202

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being transmitted to the USPTO via EFS-Web or by facsimile to (571) 273-2885, on the date below.

(Typed or printed name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
18/051,749	11/01/2022	Yaron Brunner	066749-3677	9909

TITLE OF INVENTION: Utility Assembly and Coupling Mechanism

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	\$1200	\$0.00	\$1200.00	\$0	11/30/2023

EXAMINER	ART UNIT	CLASS-SUBCLASS
WEINERTH, GIDEON R	3736	220-004270

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/AIA/122 or PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/AIA/47 or PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

(1) The names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

Reinhart Boerner Van Deuren s.c.

1 _____

2 _____

3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document must have been previously recorded, or filed for recordation, as set forth in 37 CFR 3.11 and 37 CFR 3.81(a). Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE
Milwaukee Electric Tool Corporation
Keter Plastic LTD.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)
Brookfield, Wisconsin
Herzelyia, Israel

Please check the appropriate assignee category or categories (will not be printed on the patent) : ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. Fees submitted: ☒ Issue Fee ☐ Publication Fee (if required)

4b. Method of Payment: (Please first reapply any previously paid fee shown above)

☒ Electronic Payment via Patent Center or EFS-Web ☐ Enclosed check ☐ Non-electronic payment by credit card (Attach form PTO-2038)

☒ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment to Deposit Account No. 18-0882

5. Change in Entity Status (from status indicated above)

☐ Applicant certifying micro entity status. See 37 CFR 1.29

☐ Applicant asserting small entity status. See 37 CFR 1.27

☐ Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature /Derek H. Campbell/

Date August 30, 2023

Typed or printed name Derek H. Campbell

Registration No. 70,608



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United States Patent and Trademark Office
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NOTICE OF ALLOWANCE AND FEE(S) DUE

142078 7590 08/30/2023
Reinhart (Milwaukee Tool)
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MILWAUKEE, WI 53202

EXAMINER

WEINERTH, GIDEON R

ART UNIT

PAPER NUMBER

3736

DATE MAILED: 08/30/2023

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
18/051,749	11/01/2022	Yaron Brunner	066749-3677	9909

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nonprovisional	UNDISCOUNTED	\$1200	\$0.00	\$1200.00	\$0	11/30/2023

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies.

If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above.

If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)".

For purposes of this notice, small entity fees are 40% the amount of undiscounted fees, and micro entity fees are 20% the amount of undiscounted fees.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Maintenance fees are due in utility patents issuing on applications filed on or after Dec. 12, 1980. It is patentee's responsibility to ensure timely payment of maintenance fees when due. More information is available at www.uspto.gov/PatentMaintenanceFees.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), by mail or fax, or via EFS-Web.

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(Typed or printed name)
(Signature)
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EXAMINER	ART UNIT	CLASS-SUBCLASS
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☐ "Fee Address" indication (or "Fee Address" Indication form PTO/AIA/47 or PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

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(1) The names of up to 3 registered patent attorneys or agents OR, alternatively,

1 _____

(2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

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3 _____

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(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) : ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. Fees submitted: ☐ Issue Fee ☐ Publication Fee (if required)

4b. Method of Payment: (Please first reapply any previously paid fee shown above)

☐ Electronic Payment via Patent Center or EFS-Web ☐ Enclosed check ☐ Non-electronic payment by credit card (Attach form PTO-2038)

☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment to Deposit Account No. _____

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☐ Applicant certifying micro entity status. See 37 CFR 1.29

☐ Applicant asserting small entity status. See 37 CFR 1.27

☐ Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature _____

Date _____

Typed or printed name _____

Registration No. _____



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
18/051,749	11/01/2022	Yaron Brunner	066749-3677	9909
142078	7590	08/30/2023	EXAMINER	
Reinhart (Milwaukee Tool)			WEINERTH, GIDEON R	
ATTN: TRAVIS MCDONNELL, PARALEGAL			ART UNIT	
1000 NORTH WATER STREET			PAPER NUMBER	
SUITE 2100			3736	
MILWAUKEE, WI 53202			DATE MAILED: 08/30/2023	

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (Applications filed on or after May 29, 2000)

The Office has discontinued providing a Patent Term Adjustment (PTA) calculation with the Notice of Allowance.

Section 1(h)(2) of the AIA Technical Corrections Act amended 35 U.S.C. 154(b)(3)(B)(i) to eliminate the requirement that the Office provide a patent term adjustment determination with the notice of allowance. See Revisions to Patent Term Adjustment, 78 Fed. Reg. 19416, 19417 (Apr. 1, 2013). Therefore, the Office is no longer providing an initial patent term adjustment determination with the notice of allowance. The Office will continue to provide a patent term adjustment determination with the Issue Notification Letter that is mailed to applicant approximately three weeks prior to the issue date of the patent, and will include the patent term adjustment on the patent. Any request for reconsideration of the patent term adjustment determination (or reinstatement of patent term adjustment) should follow the process outlined in 37 CFR 1.705.

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

OMB Clearance and PRA Burden Statement for PTOL-85 Part B

The Paperwork Reduction Act (PRA) of 1995 requires Federal agencies to obtain Office of Management and Budget approval before requesting most types of information from the public. When OMB approves an agency request to collect information from the public, OMB (i) provides a valid OMB Control Number and expiration date for the agency to display on the instrument that will be used to collect the information and (ii) requires the agency to inform the public about the OMB Control Number's legal significance in accordance with 5 CFR 1320.5(b).

The information collected by PTOL-85 Part B is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection, or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Notice of Allowability	Application No. 18/051,749	Applicant(s) Brunner et al.	
	Examiner GIDEON R WEINERTH	Art Unit 3736	AIA (FITF) Status Yes

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 8/17/2023.
☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

2. ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

3. ☒ The allowed claim(s) is/are 21,23-29 and 35-49. As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

a) ☐ All b) ☐ Some* c) ☐ None of the:

1. ☐ Certified copies of the priority documents have been received.

2. ☐ Certified copies of the priority documents have been received in Application No. _____.

3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892) 2. ☒ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date <u>8/17/2023</u> . 3. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material _____. 4. ☐ Interview Summary (PTO-413), Paper No./Mail Date. _____.	5. ☐ Examiner's Amendment/Comment 6. ☒ Examiner's Statement of Reasons for Allowance 7. ☐ Other _____.
---	--

/GIDEON R WEINERTH/
Examiner, Art Unit 3736

Reasons for Allowance

1. The following is an examiner's statement of reasons for allowance: The present claims incorporate the indicated allowable subject matter of claims 22, 27 and 28 which are obvious variations of the patentable invention previously allowed and overcome by the filing of the Terminal Disclaimer of March 7, 2023.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Furthermore, consideration of the IDS of August 17, 2023 does not change the determination of patentability.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to GIDEON R. WEINERTH whose telephone number is (571)270-5121. The examiner can normally be reached Monday-Friday 10AM-6PM EST.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at <http://www.uspto.gov/interviewpractice>.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Greg Pickett can be reached on (571) 272-4560. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 3736

Information regarding the status of published or unpublished applications may be obtained from Patent Center. Unpublished application information in Patent Center is available to registered users. To file and manage patent submissions in Patent Center, visit: <https://patentcenter.uspto.gov>. Visit <https://www.uspto.gov/patents/apply/patent-center> for more information about Patent Center and <https://www.uspto.gov/patents/docx> for information about filing in DOCX format. For additional questions, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/GIDEON R WEINERTH/
Examiner, Art Unit 3736

<i>Index of Claims</i> 	Application/Control No. 18/051,749	Applicant(s)/Patent Under Reexamination Brunner et al.
	Examiner GIDEON R WEINERTH	Art Unit 3736

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

CLAIMS										
☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☒ T.D. ☐ R.1.47										
CLAIM		DATE								
Final	Original	02/15/2023	03/17/2023	05/31/2023						
	21	✓	✓	=						
	22	✓	○	-						
	23	✓	✓	=						
	24	✓	✓	=						
	25	✓	✓	=						
	26	✓	✓	=						
	27	✓	○	=						
	28	✓	○	=						
	29	✓	✓	=						
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	31	N	-	-						
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	43			=						
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	45			=						
	46			=						
	47			=						
	48			=						
	49			=						

Issue Classification 	Application/Control No. 18/051,749	Applicant(s)/Patent Under Reexamination Brunner et al.	
	Examiner GIDEON R WEINERTH	Art Unit 3736	

CPC						
Symbol					Type	Version
B65D	/	21	/	0223	F	2013-01-01
A45C	/	7	/	005	I	2013-01-01
A45C	/	13	/	02	I	2013-01-01
A45F	/	3	/	10	I	2013-01-01
B25H	/	1	/	04	I	2013-01-01
B25H	/	3	/	02	I	2013-01-01
B25H	/	3	/	021	I	2013-01-01
B62B	/	1	/	14	I	2013-01-01
B65D	/	21	/	0209	I	2013-01-01
B65D	/	21	/	0228	I	2013-01-01
A45C	/	5	/	14	I	2013-01-01
B65H	/	2701	/	533	A	2013-01-01
A45C	/	7	/	0045	A	2013-01-01
B25H	/	3	/	023	A	2013-01-01
B62B	/	5	/	067	A	2013-01-01
B65D	/	2255	/	00	A	2013-01-01

CPC Combination Sets					
Symbol				Type	Set
	/		/		

NONE (Assistant Examiner) _____ (Date) _____		Total Claims Allowed: 23	
/GIDEON R WEINERTH/ Examiner, Art Unit 3736 (Primary Examiner) _____ (Date) _____		22 August 2023 O.G. Print Claim(s) 21	O.G. Print Figure 6A, 6B

Issue Classification 	Application/Control No. 18/051,749	Applicant(s)/Patent Under Reexamination Brunner et al.	
	Examiner GIDEON R WEINERTH	Art Unit 3736	

INTERNATIONAL CLASSIFICATION			
CLAIMED			
B65D	/	21	/ 02
B65D	/	21	/ 028
A45C	/	13	/ 02
B25H	/	3	/ 02
A45C	/	5	/ 14
A45C	/	7	/ 00
A45F	/	3	/ 10
B25H	/	1	/ 04
NON-CLAIMED			
	/		/

US ORIGINAL CLASSIFICATION	
CLASS	SUBCLASS
220	4.27

CROSS REFERENCES(S)					
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)				

NONE (Assistant Examiner) _____ (Date) _____		Total Claims Allowed: 23	
/GIDEON R WEINERTH/ Examiner, Art Unit 3736 (Primary Examiner) _____ (Date) _____		22 August 2023 O.G. Print Claim(s) 21	O.G. Print Figure 6A, 6B

<i>Issue Classification</i> 	Application/Control No. 18/051,749	Applicant(s)/Patent Under Reexamination Brunner et al.
	Examiner GIDEON R WEINERTH	Art Unit 3736

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☒ T.D. ☐ R.1.47															
CLAIMS															
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
	1		10		19	7	28	11	37	20	46				
	2		11		20	8	29	12	38	21	47				
	3		12	1	21		30	13	39	22	48				
	4		13		22		31	14	40	23	49				
	5		14	2	23		32	15	41						
	6		15	3	24		33	16	42						
	7		16	4	25		34	17	43						
	8		17	5	26	9	35	18	44						
	9		18	6	27	10	36	19	45						

NONE (Assistant Examiner) _____ (Date) _____		Total Claims Allowed: 23	
/GIDEON R WEINERTH/ Examiner, Art Unit 3736 (Primary Examiner) _____ (Date) _____		O.G. Print Claim(s) 21	O.G. Print Figure 6A, 6B

<i>Search Notes</i> 	Application/Control No. 18/051,749	Applicant(s)/Patent Under Reexamination Brunner et al.
	Examiner GIDEON R WEINERTH	Art Unit 3736

CPC - Searched*		
Symbol	Date	Examiner
A45C7/005,0045	02/15/2023	GW
A45C5/14	02/15/2023	GW
A45C13/02	02/15/2023	GW
A45F3/10	02/15/2023	GW
B25H1/04	02/15/2023	GW
B25H3/02,021,023	02/15/2023	GW
B62B1/14	02/15/2023	GW
B65D21/0223,0209,0228	02/15/2023	GW
B62B5/067	02/15/2023	GW
B65D2255/00	02/15/2023	GW
B65H2701/533	02/15/2023	GW
Update search	03/16/2023	GW

CPC Combination Sets - Searched*		
Symbol	Date	Examiner

US Classification - Searched*			
Class	Subclass	Date	Examiner
220	4.27	02/15/2023	GW

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

/GIDEON R WEINERTH/ Examiner, Art Unit 3736	/GIDEON R WEINERTH/ Examiner, Art Unit 3736
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<i>Search Notes</i> 	Application/Control No. 18/051,749	Applicant(s)/Patent Under Reexamination Brunner et al.
	Examiner GIDEON R WEINERTH	Art Unit 3736

Search Notes		
Search Notes	Date	Examiner
Update search, Inventor search, IDS, AI MLTD search	02/15/2023	GW
IDS of 3/7/2023 considered	03/17/2023	GW
Update search, inventor search	05/31/2023	GW
IDS of 8/17/2023 considered	08/22/2023	GW

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner
220	4.27	05/31/2023	GW
A45C5	14	05/31/2023	GW
A45C7	005	05/31/2023	GW
A45C13	02	05/31/2023	GW
A45F3	10	05/31/2023	GW
B25H1	04	05/31/2023	GW
B25H3	02,021,04,06,003,022	05/31/2023	GW
B62B1	14	05/31/2023	GW
B65D21	0223,0209,0227	05/31/2023	GW
B65D43	16	05/31/2023	GW

/GIDEON R WEINERTH/ Examiner, Art Unit 3736	/GIDEON R WEINERTH/ Examiner, Art Unit 3736
--	--

PE2E SEARCH - Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	British Equivalents	Time Stamp
L1	1523	((("Milwaukee") near3 ("Electric") near3 ("Tool") near3 ("Corporation"))).AS,AA NM.	(USPAT)	OR	ON	ON	2023/02/13 06:10 PM
L2	224	((("Keter") near3 ("Plastic") near3 ("LTD"))).AS,AA NM.	(USPAT)	OR	ON	ON	2023/02/13 06:10 PM
L3	127	((("Brunner") near3 ("Yaron"))).INV.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/13 06:11 PM
L4	107	((("Squiers") near3 ("Grant") near3 ("T"))).INV.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/13 06:11 PM
L5	144	((("Hoppe") near3 ("Christopher") near3 ("S"))).INV.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/13 06:12 PM
L6	236	((("Hyma") near3 ("Steven") near3 ("W"))).INV.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/13 06:12 PM
L7	570	220/4.27.ccls.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/13 06:14 PM
L9	1325	B65D21/0223,0209,0228.cpc.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/13 06:14 PM
L10	2508	A45C5/14.cpc.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/13 06:15 PM
L11	363	(US-0000440-\$ US-0001482-\$ US-0002004-\$ US-0006542-\$ US-0006770-\$ US-0014949-\$ US-0015928-\$ US-0023349-\$ US-0024468-\$ US-0025706-\$ US-0026901-\$ US-0027475-\$ US-0029543-\$ US-0030425-\$ US-0031222-\$ US-0031731-\$ US-0031732-\$ US-0031975-\$ US-0034515-\$ US-0038367-\$ US-0039781-\$ US-0039831-\$ US-0044059-\$ US-0045505-\$ US-0049824-\$ US-	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/13 06:19 PM

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L15	735	L11 L12 L13 L14	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/13 06:20 PM
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L17	3807	A45C13/02.cpc.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/13 09:04 PM
L18	495	A45F3/10.cpc.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/13 09:04 PM
L19	1048	B25H1/04.cpc.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/13 09:04 PM
L20	1564	B25H3/02,021.cpc.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/13 09:04 PM
L21	1234	B62B1/14.cpc.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/13 09:04 PM
L22	910	B65D21/0209,0228.cpc.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/13 09:04 PM
L23	512	B25H3/023.cpc.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/13 09:04 PM
L24	1147	B62B5/067.cpc.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/13 09:04 PM
L25	71	B65D2255/00.cpc.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/13 09:05 PM
L26	234	B65H2701/533.cpc.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/13 09:05 PM
L27	16	L15 AND bumper	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/13 09:12 PM
L28	304	(L16 L17 L18 L19 L20 L21 L22 L23 L24 L25 L26) AND bumper	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/13 09:14 PM
L29	481	("0495537" "0509839" "1081378" "1084360" "1112943" "1488460" "1704480" "0D85986" "2042387" "2100036" "2103106" "2124541" "2210235" "2386343" "2430200" "2558126" "2588009" "2939613" "2970358" "3005282" "3117692" "3186585" "3225865" "3423786" "3424334" "3506321"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/15 11:09 AM

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L31	13	brunner AND weinerth	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/15 02:19 PM
L32	22	("10583962").urpn. AND (PGPB USPT USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/15 02:20 PM
L33	198	("2042387" "2430200" "2970358" "3005282" "3117692" "3506321" "3974898" "4168076" "5035445" "5105947" "5240264" "5301829" "5429260" "5595228" "5608603" "5628443" "D395533" "5797617" "5951037" "5988473" "6050660" "6085925" "6109627" "6176559" "D437669" "6347847" "6367631" "6371320" "D456972" "6431580" "6547347" "6601930" "6619772" "6637707"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/15 02:21 PM

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L34	39	("2018/0161975").urpn. AND (PGPB USPT USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/15 02:21 PM
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L36	9	("10703534" "10583962" "10981696" "11027883" "11192690" "11365026" "11427382" "11465805" "11008136" "10981696").pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/15 02:25 PM
L37	1	"10981696".pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/15 02:26 PM
L38	1	("11008136").pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/15 02:26 PM
L39	9	("10703534" "10583962" "10981696" "11027883" "11192690" "11365026" "11427382" "11465805" "11008136" "10981696").pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/15 02:27 PM
L40	16	("10703534" "10583962" "10981696" "11027883" "11192690" "11365026" "11427382" "11465805" "11008136" "10981696").pn.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/02/15 02:27 PM
L41	16	("10703534," "10583962," "10981696," "11027883," "11192690," "11365026," "11427382," "11465805,"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV,	OR	ON	ON	2023/02/15 02:32 PM

		"11008136," "10981696").pn.	MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS, EPO; JPO, DERWENT; IBM_TDB)				
L42	9	("10703534," "10583962," "10981696," "11027883," "11192690," "11365026," "11427382," "11465805," "11008136," "10981696").pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/15 02:32 PM
L43	1	"10703534".pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/15 02:34 PM
L44	1	"10583962".pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/15 02:35 PM
L45	3	L42 AND toggle.clm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/15 02:38 PM
L46	0	L42 AND bumper.clm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/15 03:02 PM
L47	9	L42 AND perpendicular.clm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/15 03:02 PM
L48	0	L42 AND (perpendicular ADJ "the" ADJ locking).clm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/15 03:03 PM
L49	1	L42 AND (perpendicular adj3 locking).clm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/15 03:03 PM
L50	4	L42 AND (spring).clm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/15 03:04 PM
L51	4	L42 AND (spring ADJ biased).clm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/15 03:06 PM
L52	1	L42 AND ((spring ADJ biased) AND toggle).clm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/15 03:07 PM
L53	1	"11365026".pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/15 08:16 PM
L54	63	((US-D936030-S OR US-11066089-B2 OR US-9725209-B1 OR US-9132543-B2 OR US-8925752-B2 OR US-8132819-B2 OR US-D630851-S OR US- 7367571-B1 OR US- 6082539-A OR US- 5906383-A OR US- 3811747-A OR US- D844324-S OR US-	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK,	OR	ON	ON	2023/02/15 08:46 PM

		11529985-B2 OR US- 10894314-B2 OR US- 11510486-B2 OR US- D967693-S OR US- 11426859-B2 OR US- 11385055-B2 OR US- 11283117-B2 OR US- D935771-S OR US- D932186-S OR US- D923935-S OR US- D917977-S OR US- D897103-S OR US- D896517-S OR US- D896518-S OR US- D893183-S OR US- 10583962-B2 OR US- 9616562-B2 OR US- 11338959-B2 OR US- 10981696-B2 OR US- 10703534-B2 OR US- 11008136-B2 OR US- 11027883-B1 OR US- 11192690-B1 OR US- 11365026-B2 OR US- 11427382-B2 OR US- 11465805-B2).did. AND USPT.dbnm.) OR ((US- 20190001482-A1 OR US-20190002004-A1 OR US-20180213934- A1 OR US- 20180044059-A1 OR US-20170318927-A1 OR US-20160023349- A1 OR US- 20130127129-A1 OR US-20130031732-A1 OR US-20120326406- A1 OR US- 20120292213-A1 OR US-20120152944-A1 OR US-20120080432- A1 OR US- 20110139665-A1 OR US-20100052276-A1 OR US-20090288970- A1 OR US- 20070273114-A1 OR US-20030075468-A1 OR US-20190225371- A1 OR US- 20170257958-A1 OR US-20210154824-A1 OR US-20200317392- A1 OR US- 20180161975-A1 OR US-20070138041-A1 OR US-20060042996-	TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
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		A1 OR US- 20210316909-A1).did. AND PGPB.dbnm.)					
L55	20	L54 NOT L15	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/02/15 08:46 PM
L56	20	L54 NOT L15	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/15 08:46 PM
L57	61	("10575417" "20180161 975" "20190291922" "2 0200147781" "2020016 5036" "8979100" "9962 825" "20200262459" "8 657307" "9566990" "20 170151972" "20200189 636" "20210039831" "7 845653" "8967438" "97 01443" "10357089" "10 703534" "20170166352 " "20190168376" "2021 0016928" "6347847" "6 415924" "8505729" "85 90704" "8602217" "887 5888" "10047546" "200 80121547" "201902253 71" "20200299027" "66 01930" "8567796" "871 4355" "8936258" "9643 629" "20050224494" "1 0179672" "10583962" " 20110139777" "201902 47995" "6176559" "939 3685" "RE47022" "1002 2856" "10106180" "201 40319147" "202002235 85" "7938412" "800212 4" "8132819" "9725209" "10138032" "10293476 " "10293477" "1079317 2" "20100052276" "201 80044059" "7832584" " 8061536" "9132543").P N	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/24 12:50 AM
L58	74	("2634020" "3182856"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/24

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L59	735	L15	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/24 01:11 AM
L60	35	(US-0027343-\$ US- 0036215-\$ US- 0104914-\$ US- 0117393-\$ US- 0127736-\$ US- 0240671-\$ US- 0258324-\$ US- 0360803-\$ US- 0369781-\$ US- 0402113-\$ US- 11554898-\$ US- 20110127736-\$ US- 20210104914-\$ US- 20210360803-\$ US- 20220117393-\$ US- 20220240671-\$ US- 20220258324-\$ US- 20220369781-\$ US- 20220402113-\$ US- 20230027343-\$ US- 20230036215-\$ US- 5906381-\$ US- 7416193-\$ US- 8657307-\$ US- 9776651-\$).DID.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/03/17 12:30 AM
L61	16	("3027885" "3635206" "4640326" "5431206" "5664612" "6273081" "6419440" "7086434" "7089980" "7213829" "20030047895" "20060038383" "20060071450" "20060076756").pn. OR ("7416193").urpn. AND (PGPB USPT USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/03/17 12:31 AM
L62	15	("5906381" "7416193" "8657307" "9776651" "11554898"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/03/17 12:34 AM

		"20110127736" "20210104914" "20210360803" "20220117393" "20220240671" "20220258324" "20220369781" "20220402113" "20230027343" "20230036215").pn.					
L63	1739	((("MILWAUKEE") near3 ("ELECTRIC") near3 ("TOOL") near3 ("CORPORATION")) OR (("KETER") near3 ("PLASTIC") near3 ("LTD"))).AS.AANM.	(USPAT)	OR	ON	ON	2023/03/17 12:37 AM
L64	0	("11529985").urpn. AND (PGPB USPT USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/03/17 12:38 AM
L65	253	("2042387" "2430200" "2970358" "3117692" "3225865" "3506321" "D232798" "3974898" "4168076" "4971201" "5035445" "D319016" "5098235" "D325324" "5105947" "D326815" "5240264" "D340167" "5301829" "D352208" "5429260" "D361511" "5538213" "5595228" "5608603" "5628443" "D395533" "5797617" "5951037" "D415393" "5988473" "D420860" "6050660" "6085925" "6109627" "6176559" "D437669" "6305498" "6347847" "6367631" "6371320" "D456972" "6431580" "6547347" "6601930" "6619772" "6637707" "6641013" "6945546" "6948691" "6983946" "7044484" "7066475" "D525789" "D527225" "7147243" "D536580" "7263742" "7367571" "7503569" "7658887" "7779764" "7780026" "7841144" "D630851" "8028845" "D649350" "D653832" "8132819" "8177463" "D661858" "8191910" "D663952"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/03/17 12:38 AM

		"D664354"	"D668869"						
		"D674605"	"8454033"						
		"8459495"	"8505729"						
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		"D701696"	"8689396"						
		"8714355"	"8813960"						
		"8875888"	"8979100"						
		"8985922"	"D738105"						
		"D738106"	"9132543"						
		"D753394"							
		"D753395"	"D753396"						
		"D765974"							
		"D770179"	"9506489"						
		"9511491"	"D777426"						
		"9566990"	"D784089"						
		"9616562"	"9643629"						
		"D790221"	"9701443"						
		"9725209"	"D803631"						
		"D806483"	"9872562"						
		"D814187"	"D815831"						
		"D816334"							
		"D826510"	"D828671"						
		"D831352"							
		"10106180"	"D833744"						
		"D836995"							
		"D839681"	"D837515"						
		"D845080"							
		"D845081"	"D857387"						
		"10434638"							
		"D871013"	"D873085"						
		"10583962"							
		"D880252"	"D880951"						
		"D883752"							
		"D887788"	"D888422"						
		"D888503"							
		"D891193"	"D891195"						
		"D891875"							
		"D892565"	"D895375"						
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		"20160221177" "20170121056" "20170138382" "20170165828" "20170166352" "20170174392" "20170217464" "20170239808" "20170257958" "20170266804" "20170318927" "20170349013" "20180044059" "20180099405" "20180153312" "20180161975" "20180186513" "20180220758" "20180290288" "20190002004" "20190031222" "20190039781" "20190106244" "20190225371" "20200055534" "20200147781" "20200165036" "20200243925" "20200299027").pn. OR ("11426859").urpn. AND (PGPB USPT USOC).dbnm.					
L66	184	("2042387" "2430200" "2970358" "3117692" "3506321" "3974898" "4168076" "5035445" "5105947" "5240264" "5301829" "5429260" "5595228" "5608603" "5628443" "5797617" "5951037" "5988473" "6050660" "6085925" "6109627" "6176559" "6347847" "6367631" "6371320" "6431580" "6547347" "6601930" "6619772" "6637707" "6641013" "6945546" "6948691" "6983946" "7044484" "7066475" "D525789" "7147243" "7263742" "7367571" "7503569" "7658887" "7780026" "7841144" "D630851" "8028845" "D653832" "8132819" "8177463" "D661858" "8191910" "D663952"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/03/17 12:46 AM

		"D664354" "D674605" "8454033" "8459495" "8505729" "8567796" "8677661" "D701696" "8689396" "8714355" "8813960" "8875888" "8979100" "8985922" "D738106" "9132543" "D753394" "D753395" "D765974" "D770179" "9506489" "9511491" "9566990" "9616562" "9643629" "D790221" "9701443" "9725209" "9872562" "D814187" "D816334" "D826510" "D833744" "D837515" "10434638" "10593962" "D895967" "20020000440" "20020171228" "20030115715" "20030146589" "20030184034" "20030205877" "20040103494" "20040195793" "20040206656" "20050062244" "20050104308" "20050139745" "20060006770" "20060027475" "20060038367" "20060119060" "20060186624" "20060254946" "20070068757" "20070090616" "20070145700" "20070194543" "20080104921" "20080115312" "20080121547" "20080134607" "20080169739" "20080271280" "20080277221" "20080308369" "20090026901" "20090071990" "20090145790" "20090145866" "20090145913" "20090178946" "20100052276"					
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		"20100139566" "20100147642" "20100219193" "20110073516" "20110139665" "20110155613" "20110181008" "20110220531" "20120160886" "20120180250" "20120207571" "20120326406" "20130024468" "20130031731" "20130031732" "20130121783" "20130127129" "20130223971" "20140161518" "20140166516" "20150376917" "20160023349" "20160130034" "20160144500" "20160168880" "20170121056" "20170138382" "20170165828" "20170166352" "20170174392" "20170217464" "20170239808" "20170257958" "20170266804" "20170318927" "20180044059" "20180161975" "20180186513" "20180220758" "20180290288" "20190002004" "20190039781" "20190106244" "20190225371").pn. OR ("D920671").urpn. AND (PGPB USPT USOC).dbnm.					
L67	13	((US-11529985-B2 OR US-11510486-B2 OR US-D967693-S OR US- 11426859-B2 OR US- 11385055-B2 OR US- 11338959-B2 OR US- 11027883-B1 OR US- D936030-S OR US- 10962218-B2).did. AND USPT.dbnm.) OR ((US- 20210154824-A1 OR	(US-PGPUB, USPAT, USOCR, FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO,	OR	ON	ON	2023/03/17 11:50 PM

		US-20070138041-A1 OR US-20200243925-A1 OR US-20190225371-A1).did. AND PGPB dbnm.)	RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L68	24	("11027883" "11338959 "11385055" "1142685 9" "11510486" "115299 85" "20070138041" "20 210154824" "D967693") .PN.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/03/17 11:50 PM
L69	4	L67 NOT L68	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/03/17 11:50 PM
L70	56	("3634732" "3950701" "5235822" "5547080" "5810168" "6982541" "7332889" "7334680" "7471063" "7519195" "7557537" "7609027" "7835534" "7868590" "D661687" "D662081" "8203307" "8567796" "8604752" "D710328" "8842427" "8907623" "8929579" "8936258" "9132543" "9313907" "9566990" "9643629" "D792868" "9716522" "9834337" "D807324" "9914210" "10021480" "D881834" "D889433" "D897103" "D902881"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/05/31 02:44 PM

		"D903637" "D906285" "D920671" "20070138041" "20080025544" "20130156251" "20130248390" "20140001719" "20170125886" "20170151972" "20170217464" "20170257958").pn. OR ("D936030").urpn. AND (PGPB USPT USOC).dbnm.					
L71	14	("2007/0138041").urpn. AND (PGPB USPT USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/05/31 02:45 PM
L72	17	("0010334" "0123708" "0480709" "3346137" "4213532" "4744445" "4813542" "4889235" "6930881" "8505768" "9089964" "20020166860" "20070138041").pn. OR ("11253037").urpn. AND (PGPB USPT USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/05/31 02:45 PM
L73	1788	((("MILWAUKEE") near3 ("ELECTRIC") near3 ("TOOL") near3 ("CORPORATION")) OR (("KETTER") near3 ("PLASTIC") near3 ("LTD")))) AS AANM	(USPAT)	OR	ON	ON	2023/05/31 02:47 PM
L74	490	("0495537" "0509839" "1081378" "1084360" "1112943" "1488460" "1704480" "0D85986" "2042387" "2100036" "2103106" "2124541" "2210235" "2386343" "2430200" "2558126" "2588009" "2939613" "2970358" "3005282" "3117692" "3186585" "3225865" "3370236" "3423786" "3424334" "3506321" "3514170" "3550908" "3552817" "3567298" "3743372" "D232798" "3835623" "3851936" "3935613" "3974898" "3999818" "4043566" "4122925" "4168076" "4243279" "4303367" "4491231"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/05/31 02:50 PM

		"4524985"	"4564732"					
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		"4639005"	"4643494"					
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		"4735107"	"4805859"					
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		"5098235"	"D325324"					
		"5105947"	"D326815"					
		"5154291"	"5240264"					
		"D340167"	"5282554"					
		"5301829"	"5325966"					
		"5356038"	"5356105"					
		"D352208"	"5375709"					
		"5429235"	"5429260"					
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		"D395533"	"5775046"					
		"5797617"	"5850996"					
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		"5957421"	"D415393"					
		"5988473"	"D420860"					
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		"6082539"	"6082687"					
		"6085925"	"6098858"					
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		"6131926"	"6132819"					
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		"D437484"						
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		"6371424"	"D456972"					
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		"6547347"	"6601930"					
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		"6948691"	"6983946"					
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		"7066475"	"7077372"					
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		"7172164"	"7219969"					
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		"7490800"	"7503569"					
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PE2E SEARCH - Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	British Equivalents	Time Stamp
N3	132	A45C7/005.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2023/05/31

N4	2474	A45C5/14.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	09:23 PM 2023/05/31 09:23 PM
N5	3504	A45C13/02.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2023/05/31 09:23 PM
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N7	969	B25H1/04.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2023/05/31 09:24 PM
N8	1452	B25H3/02.021.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2023/05/31 09:24 PM
N9	970	B62B1/14.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2023/05/31 09:24 PM
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Bibliographic Data

Application No: 18/051,749

Foreign Priority claimed: ☐ Yes ☒ No

35 USC 119 (a-d) conditions met: ☐ Yes ☒ No ☐ Met After Allowance

Verified and Acknowledged: /GIDEON R WEINERTH/

G.R.W

Examiner's Signature

Initials

Title: Utility Assembly and Coupling Mechanism

FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
11/01/2022	220	3736	066749-3677
RULE			

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Milwaukee Electric Tool Corporation, Brookfield, WI, UNITED STATES

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Grant T. Squiers,

Christopher S. Hoppe,

Steven W. Hyma,

CONTINUING DATA

This application is a CON of 17884230 08/09/2022

17884230 is a CON of 17064371 10/06/2020 PAT 11427382

17064371 is a CON of 16752441 01/24/2020 PAT 11008136

16752441 is a CON of 16216724 12/11/2018 PAT 10583962

16216724 is a CON of 15826232 11/29/2017 PAT 10703534

15826232 is a CON of PCT/IL2017/050481 04/30/2017

PCT/IL2017/050481 has PRO of 62459076 02/15/2017

PCT/IL2017/050481 has PRO of 62330334 05/02/2016

FOREIGN APPLICATIONS

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Reinhart (Milwaukee Tool)

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1000 NORTH WATER STREET
SUITE 2100
MILWAUKEE, WI 53202
UNITED STATES

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: August 17, 2023 (use as many sheets as necessary)		Complete if Known	
		Application Number	18/051,749
		Filing Date	November 1, 2022
		First Named Inventor	Yaron Brunner
		Art Unit	3736
		Examiner Name	GIDEON R WEINERTH
Sheet	1	of	2
		Attorney Docket Number	066749-3677

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A1	2,372,845	04-03-1945	Nelson	
	A2	2,733,076	01-31-1956	Burnett	
	A3	3,201,035	08-17-1965	Martin et al.	
	A4	3,685,866	08-22-1972	Patenaude	
	A5	8,590,704	11-26-2013	Koenig et al.	
	A6	8,974,139	03-10-2015	Saul	
	A7	9,447,804	09-20-2016	Andersson et al.	
	A8	11,192,690	12-07-2021	Brunner et al.	
	A9	11,530,716	12-20-2022	Bastian et al.	
	A10	11,731,807	08-22-2023	Milwaukee Electric Tool Corporation	
	A11	2007/0012694	01-18-2007	Duvigneau	
	A12	2008/0169667	07-17-2008	Siniarski et al.	
	A13	2009/0044827	02-19-2009	Zilber et al.	
	A14	2010/0254757	10-07-2010	Saul	
	A15	2013/0239509	09-19-2013	Wang	
	A16	2014/0205373	07-24-2014	Andersson et al.	
	A17	2017/0120679	05-04-2017	Naiva	
	A18	2017/0143090	05-25-2017	Naiva	
	A19	2018/0031019	02-01-2018	Sjostedt et al.	
	A20	2020/0063776	02-27-2020	Bastian et al.	
	A21	2020/0146447	05-14-2020	Brendel et al.	
	A22	2020/0383507	12-10-2020	Cox	
	A23	2022/0097926	03-31-2022	Whitmire et al.	
	A24	2023/0136626	05-04-2023	Cai et al.	

UNPUBLISHED U.S. PATENT APPLICATION DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Application Document	Filing Date of Cited Document MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Serial Number-Kind Code ² (if known)			
Examiner Signature	/GIDEON R WEINERTH/			Date Considered	08/22/2023

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: August 17, 2023 <i>(use as many sheets as necessary)</i>				Application Number	18/051,749
				Filing Date	November 1, 2022
				First Named Inventor	Yaron Brunner
				Art Unit	3736
				Examiner Name	GIDEON R WEINERTH
Sheet	2	of	2	Attorney Docket Number	066749-3677

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶

Examiner Signature	/GIDEON R WEINERTH/	Date Considered	08/22/2023
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), by mail or fax, or via EFS-Web.

By mail, send to: Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

By fax, send to: (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications. **Because electronic patent issuance may occur shortly after issue fee payment, any desired continuing application should preferably be filed prior to payment of this issue fee in order not to jeopardize copendency.**

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

142078 7590 08/30/2023
Reinhart (Milwaukee Tool)
ATTN: TRAVIS MCDONNELL, PARALEGAL
1000 NORTH WATER STREET
SUITE 2100
MILWAUKEE, WI 53202



Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being transmitted to the USPTO via EFS-Web or by facsimile to (571) 273-2885, on the date below.

(Typed or printed name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
18/051,749	11/01/2022	Yaron Brunner	066749-3677	9909

TITLE OF INVENTION: Utility Assembly and Coupling Mechanism

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	\$1200	\$0.00	\$1200.00	\$0	11/30/2023

EXAMINER	ART UNIT	CLASS-SUBCLASS
WEINERTH, GIDEON R	3736	220-004270

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/AIA/122 or PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/AIA/47 or PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

(1) The names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Reinhart Boerner Van Deuren s.c.

2 _____

3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document must have been previously recorded, or filed for recordation, as set forth in 37 CFR 3.11 and 37 CFR 3.81(a). Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE
Milwaukee Electric Tool Corporation
Keter Plastic LTD.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)
Brookfield, Wisconsin
Herzelyia, Israel

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. Fees submitted: ☒ Issue Fee ☐ Publication Fee (if required)

4b. Method of Payment: (Please first reapply any previously paid fee shown above)

☒ Electronic Payment via Patent Center or EFS-Web ☐ Enclosed check ☐ Non-electronic payment by credit card (Attach form PTO-2038)

☒ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment to Deposit Account No. 18-0882

5. Change in Entity Status (from status indicated above)

☐ Applicant certifying micro entity status. See 37 CFR 1.29

☐ Applicant asserting small entity status. See 37 CFR 1.27

☐ Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature /Derek H. Campbell/

Date August 30, 2023

Typed or printed name Derek H. Campbell

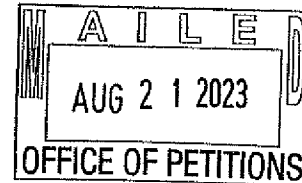
Registration No. 70,608



UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

REINHART (MILWAUKEE TOOL)
ATTN: TRAVIS MCDONNELL, PARALEGAL
1000 NORTH WATER STREET
SUITE 2100
MILWAUKEE WI 53202



In re Application of :
Brunner et al. :
Application No. 18/051,749 : DECISION ON PETITION
Filed: November 1, 2022 : UNDER 37 CFR 1.313(c)
Attorney Docket No. 066749-3677 :

This is a decision on the petition under 37 CFR 1.313(c), filed August 17, 2023, to withdraw the above-identified application from issue after payment of the issue fee.

The petition is **GRANTED**.

The above-identified application is withdrawn from issue for consideration of a submission under 37 CFR 1.114 (request for continued examination). See 37 CFR 1.313(c)(2).

Petitioner is advised that the issue fee paid on June 23, 2023, cannot be refunded. If, however, this application is again allowed, petitioner may request that it be applied towards the issue fee required by the new Notice of Allowance.¹

Telephone inquiries should be directed to the undersigned at (571) 272-3206.

This application is being referred to Technology Center Art Unit 3736 for processing of the request for continued examination under 37 CFR 1.114 and for consideration of the concurrently filed IDS.

/Liana Walsh/
Liana Walsh
Petition Lead Paralegal Specialist
Office of Petitions

¹ The request to apply the issue fee to the new Notice may be satisfied by completing and returning the new Part B – Fee(s) Transmittal Form (along with any balance due at the time of submission). Petitioner is advised that the Issue Fee Transmittal Form must be completed and timely submitted to avoid abandonment of the application.



ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #
18/051,749

RECEIPT DATE / TIME
08/17/2023 02:43:15 PM ET

ATTORNEY DOCKET #
066749-3677

Title of Invention

Utility Assembly and Coupling Mechanism

Application Information

APPLICATION TYPE Utility - Nonprovisional Application
under 35 USC 111(a)

PATENT # 11731807

CONFIRMATION # 9909

FILED BY Sarah Sesterhenn-Lee

PATENT CENTER # 62631995

FILING DATE 11/01/2022

CUSTOMER # 142078

FIRST NAMED
INVENTOR Yaron Brunner

CORRESPONDENCE
ADDRESS -

AUTHORIZED BY Derek Campbell

Documents

TOTAL DOCUMENTS: 4

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
066749-3677- Petition_to_Withdraw_from_Is sue.pdf	1	Petition to Withdraw from Issue	87 KB
066749-3677-RCE.pdf	3	Request for Continued Examination (RCE)	83 KB
Warning: This is not a USPTO supplied RCE fillable form. Data in the form cannot be automatically loaded to other USPTO systems.			
066749-3677- IDS_Transmittal.pdf	2	Transmittal Letter	108 KB
066749-3677-SB08.pdf	2	Information Disclosure	159 KB

Statement (IDS) Form (SB08)

Warning: This is not a USPTO supplied IDS fillable form. Data in the form cannot be automatically loaded to other USPTO systems.

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
066749-3677-Petition_to_Withdraw_from_Issue.pdf	6B3AC82E1AD60F25C9137208859539B2160C2482017142B64BF7D767DF5D33C4E2797747BF48ABDCC56592624E984A24165C724F02318DC1763E35E964092112
066749-3677-RCE.pdf	7CF9D4F379FFA8B5768D55EE4D180DB076DBEDE18166FF574E98784ABA6F7EDE19E9EB689BD03363220C77D59C3F8E1212021ABACFF0960625E6E5B2780A5C8A
066749-3677-IDS_Transmittal.pdf	8BBC1C06867377B01FD6A3D3C5CA0A6A54A2CF831123036C12E0678E2B31DF74BB0669AD8F05EDE828CDF3EDE2EFD4DC4386FDFC4383E033D90419F880EAE4C66
066749-3677-SB08.pdf	115594528D4B6DC4998C6FF5DC499B14390458261A9DE307CD0B20B06174CE13DD7E58707A7D9D5DE9A83C6BF427883DD2E1F150CA5C4665C0AAEA7E419830DC

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the

International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

REQUEST FOR CONTINUED EXAMINATION(RCE)TRANSMITTAL (Submitted Only via EFS-Web)

Application Number	18/051,749	Filing Date	2022-11-01	Docket Number (if applicable)	066749-3677	Art Unit	3736
First Named Inventor	Yaron Brunner			Examiner Name	GIDEON R WEINERTH		

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.

Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. The Instruction Sheet for this form is located at WWW.USPTO.GOV

SUBMISSION REQUIRED UNDER 37 CFR 1.114

Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).

☐ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.

☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____

☐ Other _____

☒ Enclosed

☐ Amendment/Reply

☒ Information Disclosure Statement (IDS)

☐ Affidavit(s)/ Declaration(s)

☐ Other _____

MISCELLANEOUS

☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of months _____
(Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)

☐ Other _____

FEES

The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.

☒ The Director is hereby authorized to charge any underpayment of fees, or credit any overpayments, to
Deposit Account No 180882

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

☒ Patent Practitioner Signature

☐ Applicant Signature

Signature of Registered U.S. Patent Practitioner			
Signature	/Derek H. Campbell/	Date (YYYY-MM-DD)	2023-08-17
Name	Derek H. Campbell	Registration Number	70608

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.



ELECTRONIC PAYMENT RECEIPT

APPLICATION #
18/051,749

RECEIPT DATE / TIME
08/17/2023 02:43:15 PM ET

ATTORNEY DOCKET #
066749-3677

Title of Invention

Utility Assembly and Coupling Mechanism

Application Information

APPLICATION TYPE Utility - Nonprovisional Application
under 35 USC 111(a)

PATENT # 11731807

CONFIRMATION # 9909

FILED BY Sarah Sesterhenn-Lee

PATENT CENTER # 62631995

AUTHORIZED BY Derek Campbell

CUSTOMER # 142078

FILING DATE 11/01/2022

CORRESPONDENCE ADDRESS -

FIRST NAMED INVENTOR Yaron Brunner

Payment Information

PAYMENT METHOD
DA / 180882

PAYMENT TRANSACTION ID
E20238GE44036991

PAYMENT AUTHORIZED BY
Sarah Sesterhenn-Lee

PRE-AUTHORIZED ACCOUNT
180882

PRE-AUTHORIZED CATEGORY

37 CFR 1.16 (National application filing, search, and examination fees); 37 CFR 1.17 (Patent application and reexamination processing fees); 37 CFR 1.19 (Document supply fees); 37 CFR 1.20 (Post Issuance fees); 37 CFR 1.21 (Miscellaneous fees and charges)

FEE CODE	DESCRIPTION	ITEM PRICE(\$)	QUANTITY	ITEM TOTAL(\$)
1801	REQUEST FOR CONTINUED EXAMINATION (RCE) - 1ST REQUEST (SEE 37 CFR 1.114)	1360.00	1	1360.00
1464	PETITIONS REQUIRING THE PETITION FEE SET FORTH IN 37 CFR 1.17(H) (GROUP III)	140.00	1	140.00
TOTAL AMOUNT:				\$1,500.00

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Milwaukee Electric Tool Corporation et al.

Title: Utility Assembly and Coupling Mechanism

Appl. No.: 18/051,749

Filing Date: November 1, 2022

Examiner: GIDEON R WEINERTH

Art Unit: 3736

Confirmation 9909
Number:

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Submitted herewith on Form PTO/SB/08 is a listing of the documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR § 1.56.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b)(4), before the mailing of a first Office action after the filing of a Request for Continued Examination under §1.114.

RELEVANCE OF EACH DOCUMENT

All of the documents are in English.

Applicants respectfully request that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

Although Applicant believes that no fee is required for this Request, the Commissioner is hereby authorized to charge any additional fees which may be required for this Request to Deposit Account No. 18-0882.

Respectfully submitted,

Date August 17, 2023

By /Derek H. Campbell/

Reinhart Boerner Van Deuren s.c.
Customer Number: 142078
Telephone: (414) 298-8374
Facsimile: (414) 298-8097

Derek H. Campbell
Attorney for Applicant
Registration No. 70,608

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: August 17, 2023 <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	18/051,749
				Filing Date	November 1, 2022
				First Named Inventor	Yaron Brunner
				Art Unit	3736
Examiner Name	GIDEON R WEINERTH				
Attorney Docket Number	066749-3677				
Sheet	1	of	2		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A1	2,372,845	04-03-1945	Nelson	
	A2	2,733,076	01-31-1956	Burnett	
	A3	3,201,035	08-17-1965	Martin et al.	
	A4	3,685,866	08-22-1972	Patenaude	
	A5	8,590,704	11-26-2013	Koenig et al.	
	A6	8,974,139	03-10-2015	Saul	
	A7	9,447,804	09-20-2016	Andersson et al.	
	A8	11,192,690	12-07-2021	Brunner et al.	
	A9	11,530,716	12-20-2022	Bastian et al.	
	A10	11,731,807	08-22-2023	Milwaukee Electric Tool Corporation	
	A11	2007/0012694	01-18-2007	Duvigneau	
	A12	2008/0169667	07-17-2008	Siniarski et al.	
	A13	2009/0044827	02-19-2009	Zilber et al.	
	A14	2010/0254757	10-07-2010	Saul	
	A15	2013/0239509	09-19-2013	Wang	
	A16	2014/0205373	07-24-2014	Andersson et al.	
	A17	2017/0120679	05-04-2017	Naiva	
	A18	2017/0143090	05-25-2017	Naiva	
	A19	2018/0031019	02-01-2018	Sjostedt et al.	
	A20	2020/0063776	02-27-2020	Bastian et al.	
	A21	2020/0146447	05-14-2020	Brendel et al.	
	A22	2020/0383507	12-10-2020	Cox	
	A23	2022/0097926	03-31-2022	Whitmire et al.	
	A24	2023/0136626	05-04-2023	Cai et al.	

UNPUBLISHED U.S. PATENT APPLICATION DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Application Document	Filing Date of Cited Document MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Serial Number-Kind Code ² (if known)			
Examiner Signature			Date Considered		

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Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: August 17, 2023 <i>(use as many sheets as necessary)</i>				Application Number	18/051,749
				Filing Date	November 1, 2022
				First Named Inventor	Yaron Brunner
				Art Unit	3736
				Examiner Name	GIDEON R WEINERTH
Sheet	2	of	2	Attorney Docket Number	066749-3677

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶

Examiner Signature		Date Considered	
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Milwaukee Electric Tool Corporation et al.
Title: Utility Assembly and Coupling Mechanism
Appl. No.: 18/051,749
Filing Date: November 1, 2022
Examiner: GIDEON R WEINERTH
Art Unit: 3736
Confirmation No.: 9909

**PETITION UNDER 37 C.F.R. § 1.313(c) TO WITHDRAW
APPLICATION FROM ISSUE PURSUANT TO 37 C.F.R. § 1.313(c)(2)**

Mail Stop Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Petitioner hereby petitions the Commissioner under 37 C.F.R. § 1.313(c)(2) to withdraw the above-identified application from issue. The withdrawal from issue is necessary in order to permit consideration of a Request for Continued Examination (RCE) in compliance with 37 C.F.R. § 1.114. The RCE, Information Disclosure Statement (IDS), and cited reference(s) are filed herewith.

The fee set forth in 37 C.F.R. § 1.17(h) (\$140) for the Petition and the fee set forth in 37 C.F.R. § 1.17(e) (\$1360) for the accompanying RCE is attached hereto. The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application, or credit any overpayment, to Deposit Account No. 18-0882.

Respectfully submitted,

Date August 17, 2023

By /Derek H. Campbell/

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Customer Number: 142078
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Derek H. Campbell
Attorney for Applicant
Registration No. 70,608



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
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Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
18/051,749	08/22/2023	11731807	066749-3677	9909

142078 7590 08/02/2023
Reinhart (Milwaukee Tool)
ATTN: TRAVIS MCDONNELL, PARALEGAL
1000 NORTH WATER STREET
SUITE 2100
MILWAUKEE, WI 53202

ISSUE NOTIFICATION

The projected patent number and issue date are specified above. The patent will issue electronically. The electronically issued patent is the official patent grant pursuant to 35 U.S.C. § 153. The patent may be accessed on or after the issue date through Patent Center at <https://patentcenter.uspto.gov/>. The patent will be available in both the public and the private sides of Patent Center. Further assistance in electronically accessing the patent, or about Patent Center, is available by calling the Patent Electronic Business Center at 1-888-217-9197.

The USPTO is implementing electronic patent issuance with a transition period, during which period the USPTO will mail a ceremonial paper copy of the electronic patent grant to the correspondence address of record. Additional copies of the patent (i.e., certified and presentation copies) may be ordered for a fee from the USPTO's Certified Copy Center at <https://certifiedcopycenter.uspto.gov/index.html>. The Certified Copy Center may be reached at (800)972-6382.

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment is 0 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Application Assistance Unit (AAU) of the Office of Patents Stakeholder Experience (OPSE), Stakeholder Support Division (SSD) at (571)-272-4200.

INVENTOR(s) (Please see PAIR WEB site <http://pair.uspto.gov> for additional inventors):

Yaron Brunner, Kibbutz Gvat, ISRAEL;

Grant T. Squiers, Cudahy, WI;

Christopher S. Hoppe, Midvale, UT;

Steven W. Hyma, Milwaukee, WI;

APPLICANT(s) (Please see PAIR WEB site <http://pair.uspto.gov> for additional applicants):

Milwaukee Electric Tool Corporation, Brookfield, WI;

Keter Plastic LTD., Herzelyia, ISRAEL;

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		Application Number	18/051,749
		Filing Date	November 1, 2022
		First Named Inventor	Yaron Brunner
		Art Unit	To be determined
		Examiner Name	To be determined
Sheet	10	of	21
		Attorney Docket Number	066749-3677

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant
	A284	2016/0130034	05-12-2016	Kuhls; Timo	
	A285	2016/0144500	05-26-2016	CHEN; KUN-CHEN	
	A286	2016/0168880	06-16-2016	Phelan; Matthew	
	A287	2016/0213115	07-28-2016	Gonitiner et al.	
	A288	2016/0221177	08-04-2016	Reinhart	
	A289	2017/0121056	05-04-2017	Wang; Tzu-Chien	
	A290	2017/0138382	05-18-2017	Ko	
	A291	2017/0158216	06-08-2017	Yahav et al.	
	A292	2017/0165828	06-15-2017	~~Festool GmbH~~ Fleischmann	
	A293	2017/0166352	06-15-2017	Hoppe; Christopher S.	
	A294	2017/0174392	06-22-2017	De Loynes	
	A295	2017/0217464	08-03-2017	Bar-erez et al.	
	A296	2017/0239808	08-24-2017	Hoppe; Christopher S.	
	A297	2017/0257958	09-07-2017	~~The Stanley Works Israel Ltd.~~ Sabbag et al.	
	A298	2017/0266804	09-21-2017	Kinsky	
	A299	2017/0318927	11-09-2017	Krause et al.	
	A300	2017/0349013	12-07-2017	GRONHOLM	
	A301	2018/0044059	02-15-2018	BRUNNER; Yaron	
	A302	2018/0099405	04-12-2018	Reinhart	
	A303	2018/0127007	05-10-2018	Kravchenko	
	A304	2018/0153312	06-07-2018	Buck James et al.	
	A305	2018/0161975	06-14-2018	Brunner; Yaron	
	A306	2018/0186513	07-05-2018	Brunner	
	A307	2018/0213934	08-02-2018	Wolle et al.	
	A308	2018/0220758	08-09-2018	~~Rothenberger AG~~ Burchia	
	A309	2018/0229889	08-16-2018	Li	
	A310	2018/0290288	10-11-2018	BRUNNER; Yaron	
	A311	2019/0001482	01-03-2019	Wolle et al.	
	A312	2019/0002004	01-03-2019	BRUNNER; Yaron	
	A313	2019/0031222	01-31-2019	TAKYAR et al.	
	A314	2019/0039781	02-07-2019	Kogel	
	A315	2019/0106244	04-11-2019	Brunner et al.	

Examiner Signature	/GIDEON R WEINERTH/	Date Considered	02/13/2023
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		Application Number Filing Date First Named Inventor Art Unit Examiner Name Attorney Docket Number	18/051,749 November 1, 2022 Yaron Brunner To be determined To be determined 066749-3677
Sheet	9	of	21

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant
	A254	2012/0152944	06-21-2012	Vilkomirski et al.	
	A255	2012/0160886	06-28-2012	Henny Paul et al.	
Change(s) applied to document, /S.D./ 6/30/2023	A256	2012/0180250	07-19-2012	~~KAERCHER GMBH AND CO ALFRED KG~~	Ricklefsen et al.
	A257	2012/0207571	08-16-2012	Scott, Charles Shay	
	A258	2012/0292213	11-22-2012	Brunner	
	A259	2012/0326406	12-27-2012	LIFSHITZ; Omri	
	A260	2013/0024468	01-24-2013	Kocsis, Susan C.	
	A261	2013/0031731	02-07-2013	~~KAERCHER GMBH AND CO ALFRED KG~~	Hess
	A262	2013/0031732	02-07-2013	~~KAERCHER GMBH AND CO ALFRED KG~~	Hess et al.
	A263	2013/0068903	03-21-2013	~~Pecness Ind Inc.~~	O'Keene
	A264	2013/0121783	05-16-2013	Kelly; Thomas P.	
	A265	2013/0127129	05-23-2013	Bensman, Mark et al.	
	A266	2013/0146551	06-13-2013	~~Electrolux Home Prod Inc.~~	Simpson et al.
	A267	2013/0154218	06-20-2013	TIILIKAINEN	
	A268	2013/0206139	08-15-2013	Krepel et al.	
	A269	2013/0223971	08-29-2013	Grace IV, Robert W.	
	A270	2014/0062042	03-06-2014	Wagner et al.	
	A271	2014/0069832	03-13-2014	Roehm	
	A272	2014/0076759	03-20-2014	ROEHM et al.	
	A273	2014/0123478	05-08-2014	Gylander et al.	
	A274	2014/0161518	06-12-2014	KO	
	A275	2014/0166516	06-19-2014	Martinez; Mark R.	
	A276	2014/0197059	07-17-2014	Evans et al.	
	A277	2015/0014949	01-15-2015	Dittman	
	A278	2015/0034515	02-05-2015	Monyak et al.	
	A279	2015/0151427	06-04-2015	Ben-Gigi	
	A280	2015/0274362	10-01-2015	CHRISTOPHER et al.	
	A281	2015/0310842	10-29-2015	Coburn et al.	
	A282	2015/0376917	12-31-2015	Brunner	
	A283	2016/0023349	01-28-2016	~~Milwaukee Electric Tool Corporation~~	Hoppe et al.

Examiner Signature	/GIDEON R WEINERTH/	Date Considered	02/13/2023
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		Filing Date	November 1, 2022
		First Named Inventor	Yaron Brunner
		Art Unit	To be determined
Examiner Name	To be determined		
Attorney Docket Number	066749-3677		
Sheet	8	of	21

U.S. PATENT DOCUMENTS

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	A223	2008/0277221	11-13-2008	Josefson; Mark L.	
	A224	2008/0280523	11-13-2008	Bishop	
	A225	2008/0296443	12-04-2008	Lunitz et al.	
	A226	2008/0308369	12-18-2008	Louis; Robert D.	
	A227	2009/0026901	01-29-2009	Nies, III et al.	
	A228	2009/0071990	03-19-2009	Jardine et al.	
	A229	2009/0127146	05-21-2009	Krebs et al.	
	A230	2009/0145790	06-11-2009	Panosian; Michael Harmik	
	A231	2009/0145866	06-11-2009	Panosian et al.	
	A232	2009/0145913	06-11-2009	Panosian et al.	
	A233	2009/0178946	07-16-2009	Patstone et al.	
	A234	2009/0236482	09-24-2009	~~SS3 Storage Systems LLC~~	Winig et al.
	A235	2009/0288970	11-26-2009	Katz et al.	
	A236	2010/0052276	03-04-2010	Brunner	
	A237	2010/0139566	06-10-2010	Lopuszanski, Michel	
	A238	2010/0147642	06-17-2010	Andochick; Scott E.	
	A239	2010/0176261	07-15-2010	Chen et al.	
	A240	2010/0219193	09-02-2010	Becklin	
	A241	2010/0224528	09-09-2010	Madsen	
	A242	2011/0049824	03-03-2011	Bar-Erez et al.	
	A243	2011/0073516	03-31-2011	Zelinskiy; Konstantin	
	A244	2011/0139665	06-16-2011	Madsen	
	A245	2011/0139777	06-16-2011	Sosnovsky et al.	
	A246	2011/0155613	06-30-2011	Koenig, Andreas et al.	
	A247	2011/0181008	07-28-2011	BENSMAN; MARK	
	A248	2011/0220531	09-15-2011	Meether et al.	
	A249	2011/174939	07-21-2013	~~Parts Express International Inc.~~	Taylor
	A250	2012/0073995	03-29-2012	Parker	
	A251	2012/0074022	03-29-2012	McTavish et al.	
	A252	2012/0074158	03-29-2012	Lafleur	
	A253	2012/0080432	04-05-2012	Bensman et al.	

Examiner
Signature

/GIDEON R WEINERTH/

Date
Considered

02/13/2023

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Sheet	5	of	21	Attorney Docket Number	066749-3677

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	A127	8,448,829	05-28-2013	Watanabe	
	A128	8,454,033	06-04-2013	Tsai	
	A129	8,459,495	06-11-2013	Koenig; Andreas	
	A130	8,505,729	08-13-2013	Sosnovsky et al.	
	A131	8,567,796	10-29-2013	Bar-Erez et al.	
	A132	8,602,217	12-10-2013	Sosnovsky et al.	
	A133	8,640,913	02-04-2014	Berendes	
	A134	8,677,661	03-25-2014	Michels; Markus	
	A135	8,689,396	04-08-2014	Melvin E. Wolfe	
	A136	8,714,355	05-06-2014	Huang	
	A137	8,813,960	08-26-2014	Fjelland; Douglas J.	
	A138	8,851,282	10-07-2014	Brunner	
	A139	8,875,888	11-04-2014	Koenig; Andreas	
	A140	8,894,160	11-25-2014	Christensen	
	A141	8,925,752	01-06-2015	Smith	
	A142	8,979,100	03-17-2015	Bensman et al.	
	A143	8,985,922	03-24-2015	Neumann	
	A144	9,132,543	09-15-2015	Bar-Erez; Sharon	
	A145	9,506,489	11-29-2016	Ko	
	A146	9,511,491	12-06-2016	Brunner	
	A147	9,551,367	01-24-2017	Shieh	
	A148	9,566,990	02-14-2017	Bar-Erez; Sharon	
	A149	9,616,562	04-11-2017	Hoppe; Christopher S.	
	A150	9,643,629	05-09-2017	~~The Stanley Works Israel Ltd.~~	Bar-Erez et al.
	A151	9,701,443	07-11-2017	Wang; Tzu-Chien	
	A152	9,725,209	08-08-2017	Ben-Gigi	
	A153	9,850,029	12-26-2017	Brunner	
	A154	9,872,562	01-23-2018	Brunner; Yaron	
	A155	9,888,752	02-13-2018	Den Boer et al.	
	A156	10,017,134	07-10-2018	Pickens et al.	
	A157	10,106,180	10-23-2018	Bar-Erez et al.	
	A158	10,222,172	03-05-2019	Melville	

Examiner Signature	/GIDEON R WEINERTH/	Date Considered	02/13/2023
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: November 4, 2022 (use as many sheets as necessary)		Complete if Known			
		Application Number	18/051,749		
		Filing Date	November 1, 2022		
		First Named Inventor	Yaron Brunner		
		Art Unit	To be determined		
Examiner Name	To be determined				
Sheet	2	of	21	Attorney Docket Number	066749-3677

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant
	A31	4,243,279	01-06-1981	Ackeret	
	A32	4,303,367	12-01-1981	Bott	
	A33	4,564,732	01-14-1986	Lancaster et al.	
	A34	4,660,725	04-28-1987	Fishman et al.	
	A35	4,673,070	06-16-1987	Ambal	
	A36	4,735,107	04-05-1988	Winkie	
	A37	4,805,859	02-21-1989	Hudson	
	A38	4,817,237	04-04-1989	Murphy	
	A39	4,929,973	05-29-1990	Nakatani	
	A40	4,971,201	11-20-1990	Sathre	
	A41	5,035,389	07-30-1991	Wang	
	A42	5,035,445	07-30-1991	Poulin	
	A43	5,098,235	03-24-1992	Svetlik et al.	
	A44	5,105,947	04-21-1992	Wise, Thomas W.	
	A45	5,154,291	10-13-1992	Sur	
	A46	5,240,264	08-31-1993	Williams	
	A47	5,282,554	02-01-1994	Thomas	
	A48	5,301,829	04-12-1994	Chrisco	
	A49	5,325,966	07-05-1994	Chang	
	A50	5,356,038	10-18-1994	Banks	
	A51	5,356,105	10-18-1994	Andrews	
	A52	5,375,709	12-27-1994	Petro	
	A53	5,429,235	07-04-1995	Chen	
	A54	5,429,260	07-04-1995	Vollers; Gary L.	
	A55	5,433,416	07-18-1995	Johnson	
	A56	5,454,634	10-03-1995	Herbst et al.	
	A57	5,538,213	07-23-1996	~~Brown Office Systems Inc.~~ Brown	
	A58	5,595,228	01-21-1997	Meisner et al.	
	A59	5,608,603	03-04-1997	Su	
	A60	5,622,296	04-22-1997	Pirhonen et al.	
	A61	5,628,443	05-13-1997	Deutsch	
	A62	5,653,366	08-05-1997	Liserre	

Examiner Signature	/GIDEON R WEINERTH/	Date Considered	02/13/2023
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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Issue Classification 	Application/Control No. 18/051,749	Applicant(s)/Patent Under Reexamination Brunner et al.	
	Examiner GIDEON R WEINERTH	Art Unit 3736	

CPC						
Symbol					Type	Version
B65D	/	21	/	0223	F	2013-01-01
B25H	/	3	/	02	I	2013-01-01
A45C	/	5	/	14	I	2013-01-01
A45C	/	7	/	005	I	2013-01-01
A45F	/	3	/	10	I	2013-01-01
B25H	/	1	/	04	I	2013-01-01
A45C	/	13	/	02	I	2013-01-01
B25H	/	3	/	021	I	2013-01-01
B65D	/	21	/	0209	I	2013-01-01
B62B	/	1	/	14	I	2013-01-01
B65D	/	21	/	0228	I	2013-01-01
B65H	/	2701	/	533	A	2013-01-01
A45C	/	7	/	0045	A	2013-01-01
B25H	/	3	/	023	A	2013-01-01
B62B	/	5	/	067	A	2013-01-01
B65D	/	2255	/	00	A	2013-01-01

CPC Combination Sets					
Symbol				Type	Set
	/		/		

NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	23	
/GIDEON R WEINERTH/ Examiner, Art Unit 3736	28 June 2023	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	21	6A, 6B

Issue Classification 	Application/Control No. 18/051,749	Applicant(s)/Patent Under Reexamination Brunner et al.	
	Examiner GIDEON R WEINERTH	Art Unit 3736	

INTERNATIONAL CLASSIFICATION			
CLAIMED			
B65D	/	21	/ 02
B65D	/	21	/ 028
A45C	/	13	/ 02
B25H	/	3	/ 02
A45C	/	5	/ 14
A45C	/	7	/ 00
A45F	/	3	/ 10
B25H	/	1	/ 04
NON-CLAIMED			
	/		/

US ORIGINAL CLASSIFICATION	
CLASS	SUBCLASS
220	4.27

CROSS REFERENCES(S)					
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)				

NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	23	
/GIDEON R WEINERTH/ Examiner, Art Unit 3736	28 June 2023	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	21	6A, 6B

Issue Classification 	Application/Control No. 18/051,749	Applicant(s)/Patent Under Reexamination Brunner et al.
	Examiner GIDEON R WEINERTH	Art Unit 3736

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☒ T.D. ☐ R.1.47															
CLAIMS															
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
	1		10		19	7	28	11	37	20	46				
	2		11		20	8	29	12	38	21	47				
	3		12	1	21		30	13	39	22	48				
	4		13		22		31	14	40	23	49				
	5		14	2	23		32	15	41						
	6		15	3	24		33	16	42						
	7		16	4	25		34	17	43						
	8		17	5	26	9	35	18	44						
	9		18	6	27	10	36	19	45						

NONE (Assistant Examiner) _____ (Date) _____		Total Claims Allowed: 23	
/GIDEON R WEINERTH/ Examiner, Art Unit 3736 (Primary Examiner) _____ (Date) _____		O.G. Print Claim(s) 21	O.G. Print Figure 6A, 6B



ELECTRONIC PAYMENT RECEIPT

APPLICATION #
18/051,749

RECEIPT DATE / TIME
06/23/2023 05:35:28 PM ET

ATTORNEY DOCKET #
066749-3677

Title of Invention

Utility Assembly and Coupling Mechanism

Application Information

APPLICATION TYPE Utility - Nonprovisional Application
under 35 USC 111(a)

PATENT # -

CONFIRMATION # 9909

FILED BY Sarah Sesterhenn-Lee

PATENT CENTER # 62327631

AUTHORIZED BY Derek Campbell

CUSTOMER # 142078

FILING DATE 11/01/2022

CORRESPONDENCE ADDRESS -

FIRST NAMED INVENTOR Yaron Brunner

Payment Information

PAYMENT METHOD
DA / 180882

PAYMENT TRANSACTION ID
E20236MH36425108

PAYMENT AUTHORIZED BY
Sarah Sesterhenn-Lee

PRE-AUTHORIZED ACCOUNT
180882

PRE-AUTHORIZED CATEGORY

37 CFR 1.16 (National application filing, search, and examination fees); 37 CFR 1.17 (Patent application and reexamination processing fees); 37 CFR 1.19 (Document supply fees); 37 CFR 1.20 (Post Issuance fees); 37 CFR 1.21 (Miscellaneous fees and charges)

FEE CODE	DESCRIPTION	ITEM PRICE(\$)	QUANTITY	ITEM TOTAL(\$)
1501	UTILITY ISSUE FEE	1200.00	1	1200.00
TOTAL AMOUNT:				\$1,200.00

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement

Receipt will establish the filing date of the application

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.



ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #
18/051,749

RECEIPT DATE / TIME
06/23/2023 05:35:28 PM ET

ATTORNEY DOCKET #
066749-3677

Title of Invention

Utility Assembly and Coupling Mechanism

Application Information

APPLICATION TYPE Utility - Nonprovisional Application
under 35 USC 111(a)

PATENT # -

CONFIRMATION # 9909

FILED BY Sarah Sesterhenn-Lee

PATENT CENTER # 62327631

FILING DATE 11/01/2022

CUSTOMER # 142078

FIRST NAMED
INVENTOR Yaron Brunner

CORRESPONDENCE
ADDRESS -

AUTHORIZED BY Derek Campbell

Documents

TOTAL DOCUMENTS: 2

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
066749-3677- Issue_Fee_Transmittal.pdf	2	Transmittal Letter	90 KB
066749-3677_PTOL.pdf	1	Issue Fee Payment (PTO-85B)	266 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
066749-3677- Issue_Fee_Transmittal.pdf	A2FFEDD9837A021C454B72CE353DEE5E074ACE76ABF19AA8 2AF58850D79AE6ABE4DB24D6D2EEAE369C3F73D5F6488D9F 8693D648CAFCB167A6D6B65F2528B596

066749-3677_PTOL.pdf

9B705DCED95A185C41F64B7DD598869CDCC189092F1CE9CE
92561E8B52C20426393278205D3C52B9B0BD1DEF5C0953F
0F24D50D7912B5433AC80DA6DCA0E09

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PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), by mail or fax, or via EFS-Web.

By mail, send to: Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

By fax, send to: (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications. **Because electronic patent issuance may occur shortly after issue fee payment, any desired continuing application should preferably be filed prior to payment of this issue fee in order not to jeopardize copendency.**

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

142078 7590 06/14/2023
Reinhart (Milwaukee Tool)
ATTN: TRAVIS MCDONNELL, PARALEGAL
1000 NORTH WATER STREET
SUITE 2100
MILWAUKEE, WI 53202

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being transmitted to the USPTO via EFS-Web or by facsimile to (571) 273-2885, on the date below.

(Typed or printed name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
18/051,749	11/01/2022	Yaron Brunner	066749-3677	9909

TITLE OF INVENTION: Utility Assembly and Coupling Mechanism

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	\$1200	\$0.00	\$0.00	\$1200	09/14/2023

EXAMINER	ART UNIT	CLASS-SUBCLASS
WEINERTH, GIDEON R	3736	220-004270

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/AIA/122 or PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/AIA/47 or PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

(1) The names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

Reinhart Boerner Van Deuren s.c.

1 _____

2 _____

3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document must have been previously recorded, or filed for recordation, as set forth in 37 CFR 3.11 and 37 CFR 3.81(a). Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE
Milwaukee Electric Tool Corporation
Keter Plastic LTD.

(B) RESIDENCE: (CITY AND STATE OR COUNTRY)
Brookfield, Wisconsin
Herzelyia, Israel

Please check the appropriate assignee category or categories (will not be printed on the patent) : ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. Fees submitted: ☒ Issue Fee ☐ Publication Fee (if required)

4b. Method of Payment: (Please first reapply any previously paid fee shown above)

☒ Electronic Payment via Patent Center or EFS-Web ☐ Enclosed check ☐ Non-electronic payment by credit card (Attach form PTO-2038)

☒ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment to Deposit Account No. 18-0882

5. Change in Entity Status (from status indicated above)

☐ Applicant certifying micro entity status. See 37 CFR 1.29

☐ Applicant asserting small entity status. See 37 CFR 1.27

☐ Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature /Derek H. Campbell/

Date June 23, 2023

Typed or printed name Derek H. Campbell

Registration No. 70,608

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Milwaukee Electric Tool Corporation et al.
Title: Utility Assembly and Coupling Mechanism
Appl. No.: 18/051,749
Filing Date: November 1, 2022
Examiner: GIDEON R WEINERTH
Art Unit: 3736
Confirmation No.: 9909

ISSUE FEE TRANSMITTAL

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Enclosed herewith please find Issue Fee Transmittal Form PTOL-85(B).

COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE

On page 2 of the Notice of Allowability dated June 14, 2023, the Examiner set forth various reasons for allowance. While the Applicant agrees that the allowed claims recite a combination of subject matter that is patentable over the cited references, the Applicant notes that the recited subject matter as well as various other subject matter and/or combinations of subject matter may be patentable for other reasons than those given by the Examiner. The Applicant expressly reserves the right to set forth additional and/or alternative reasons for patentability and/or allowance in connection with the present Application or in any other future proceeding.

REMARKS

These Comments on Statement of Reasons for Allowance under 37 C.F.R. § 1.104 are intended to be responsive to the Notice of Allowance dated June 14, 2023.

The requisite fees for payment of the Issue Fee are being charged to Deposit Account No. 18-0882.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 18-0882.

Respectfully submitted,

Date June 23, 2023

By /Derek H. Campbell/

Reinhart Boerner Van Deuren s.c.
Customer Number: 142078
Telephone: (414) 298-8374
Facsimile: (414) 298-8097

Derek H. Campbell
Attorney for Applicant
Registration No. 70,608



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

142078 7590 06/14/2023
Reinhart (Milwaukee Tool)
ATTN: TRAVIS MCDONNELL, PARALEGAL
1000 NORTH WATER STREET
SUITE 2100
MILWAUKEE, WI 53202

EXAMINER

WEINERTH, GIDEON R

ART UNIT

PAPER NUMBER

3736

DATE MAILED: 06/14/2023

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
18/051,749	11/01/2022	Yaron Brunner	066749-3677	9909

TITLE OF INVENTION: Utility Assembly and Coupling Mechanism

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	\$1200	\$0.00	\$0.00	\$1200	09/14/2023

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies.

If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above.

If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)".

For purposes of this notice, small entity fees are 40% the amount of undiscounted fees, and micro entity fees are 20% the amount of undiscounted fees.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Maintenance fees are due in utility patents issuing on applications filed on or after Dec. 12, 1980. It is patentee's responsibility to ensure timely payment of maintenance fees when due. More information is available at www.uspto.gov/PatentMaintenanceFees.

PART B - FEE(S) TRANSMITTAL

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Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

By fax, send to: (571)-273-2885

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ATTN: TRAVIS MCDONNELL, PARALEGAL
1000 NORTH WATER STREET
SUITE 2100
MILWAUKEE, WI 53202

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being transmitted to the USPTO via EFS-Web or by facsimile to (571) 273-2885, on the date below.

(Typed or printed name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
18/051,749	11/01/2022	Yaron Brunner	066749-3677	9909

TITLE OF INVENTION: Utility Assembly and Coupling Mechanism

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	\$1200	\$0.00	\$0.00	\$1200	09/14/2023

EXAMINER	ART UNIT	CLASS-SUBCLASS
WEINERTH, GIDEON R	3736	220-004270

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/AIA/122 or PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/AIA/47 or PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

(1) The names of up to 3 registered patent attorneys or agents OR, alternatively,

1 _____

(2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

2 _____

3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document must have been previously recorded, or filed for recordation, as set forth in 37 CFR 3.11 and 37 CFR 3.81(a). Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) : ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. Fees submitted: ☐ Issue Fee ☐ Publication Fee (if required)

4b. Method of Payment: (Please first reapply any previously paid fee shown above)

☐ Electronic Payment via Patent Center or EFS-Web ☐ Enclosed check ☐ Non-electronic payment by credit card (Attach form PTO-2038)

☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment to Deposit Account No. _____

5. Change in Entity Status (from status indicated above)

☐ Applicant certifying micro entity status. See 37 CFR 1.29

☐ Applicant asserting small entity status. See 37 CFR 1.27

☐ Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature _____

Date _____

Typed or printed name _____

Registration No. _____



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
18/051,749	11/01/2022	Yaron Brunner	066749-3677	9909
142078	7590	06/14/2023	EXAMINER	
Reinhart (Milwaukee Tool)			WEINERTH, GIDEON R	
ATTN: TRAVIS MCDONNELL, PARALEGAL			ART UNIT	
1000 NORTH WATER STREET			PAPER NUMBER	
SUITE 2100			3736	
MILWAUKEE, WI 53202			DATE MAILED: 06/14/2023	

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (Applications filed on or after May 29, 2000)

The Office has discontinued providing a Patent Term Adjustment (PTA) calculation with the Notice of Allowance.

Section 1(h)(2) of the AIA Technical Corrections Act amended 35 U.S.C. 154(b)(3)(B)(i) to eliminate the requirement that the Office provide a patent term adjustment determination with the notice of allowance. See Revisions to Patent Term Adjustment, 78 Fed. Reg. 19416, 19417 (Apr. 1, 2013). Therefore, the Office is no longer providing an initial patent term adjustment determination with the notice of allowance. The Office will continue to provide a patent term adjustment determination with the Issue Notification Letter that is mailed to applicant approximately three weeks prior to the issue date of the patent, and will include the patent term adjustment on the patent. Any request for reconsideration of the patent term adjustment determination (or reinstatement of patent term adjustment) should follow the process outlined in 37 CFR 1.705.

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

OMB Clearance and PRA Burden Statement for PTOL-85 Part B

The Paperwork Reduction Act (PRA) of 1995 requires Federal agencies to obtain Office of Management and Budget approval before requesting most types of information from the public. When OMB approves an agency request to collect information from the public, OMB (i) provides a valid OMB Control Number and expiration date for the agency to display on the instrument that will be used to collect the information and (ii) requires the agency to inform the public about the OMB Control Number's legal significance in accordance with 5 CFR 1320.5(b).

The information collected by PTOL-85 Part B is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection, or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Notice of Allowability	Application No. 18/051,749	Applicant(s) Brunner et al.	
	Examiner GIDEON R WEINERTH	Art Unit 3736	AIA (FITF) Status Yes

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 5/11/2023.
☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on ____.
2. ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on ____; the restriction requirement and election have been incorporated into this action.
3. ☒ The allowed claim(s) is/are 21,23-29 and 35-49. As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
Certified copies:
a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
* Certified copies not received: ____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date ____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892) 2. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date ____. 3. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material ____. 4. ☐ Interview Summary (PTO-413), Paper No./Mail Date ____.	5. ☐ Examiner's Amendment/Comment 6. ☒ Examiner's Statement of Reasons for Allowance 7. ☒ Other <u>PTO-2323</u> .
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/GIDEON R WEINERTH/
Examiner, Art Unit 3736

Reasons for Allowance

1. The following is an examiner's statement of reasons for allowance: The present claims incorporate the indicated allowable subject matter of claims 22, 27 and 28 which are obvious variations of the patentable invention previously allowed and overcome by the filing of the Terminal Disclaimer of March 7, 2023.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to GIDEON R. WEINERTH whose telephone number is (571)270-5121. The examiner can normally be reached Monday-Friday 10AM-6PM EST.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at <http://www.uspto.gov/interviewpractice>.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Greg Pickett can be reached on (571) 272-4560. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of published or unpublished applications may be obtained from Patent Center. Unpublished application information in Patent Center is available to registered users. To file and manage patent submissions in Patent Center,

visit: <https://patentcenter.uspto.gov>. Visit <https://www.uspto.gov/patents/apply/patent-center> for more information about Patent Center and <https://www.uspto.gov/patents/docx> for information about filing in DOCX format. For additional questions, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/GIDEON R WEINERTH/
Examiner, Art Unit 3736

<i>Notice of References Cited</i>	Application/Control No. 18/051,749		Applicant(s)/Patent Under Reexamination Brunner et al.	
	Examiner GIDEON R WEINERTH		Art Unit 3736	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	CPC Classification	US Classification
*	A	US-9089964-B2	07-2015	Cheng; Chin-Shun	B25H3/02	1/1
*	B	US-11124347-B2	09-2021	Chen; Shou-Te	A45C5/14	1/1
*	C	US-11253037-B2	02-2022	Bomer; Benjamin W.	B65D81/055	1/1
*	D	US-11426859-B2	08-2022	Squiers; Grant T.	A45F3/047	1/1
*	E	US-11612998-B1	03-2023	Byington; Teran	B25H3/028	211/126.1
	F					
	G					
	H					
	I					
	J					
	K					
	L					
	M					

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	CPC Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

<i>Index of Claims</i> 	Application/Control No. 18/051,749	Applicant(s)/Patent Under Reexamination Brunner et al.
	Examiner GIDEON R WEINERTH	Art Unit 3736

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

CLAIMS										
☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☒ T.D. ☐ R.1.47										
CLAIM		DATE								
Final	Original	02/15/2023	03/17/2023	05/31/2023						
	21	✓	✓	=						
	22	✓	○	-						
	23	✓	✓	=						
	24	✓	✓	=						
	25	✓	✓	=						
	26	✓	✓	=						
	27	✓	○	=						
	28	✓	○	=						
	29	✓	✓	=						
	30	N	-	-						
	31	N	-	-						
	32	N	-	-						
	33	N	-	-						
	34	N	-	-						
	34			-						
	35			=						
	36			=						
	37			=						
	38			=						
	39			=						
	40			=						
	41			=						
	42			=						
	43			=						
	44			=						
	45			=						
	46			=						
	47			=						
	48			=						
	49			=						

AFCP 2.0 Decision

Application No.

18/051,749

Applicant(s)

Brunner et al.

Examiner

GIDEON R WEINERTH

Art Unit

3736

AIA (FITF) Status

Yes

This is in response to the After Final Consideration Pilot request filed 11 May 2023.

1. **Improper Request** – The AFCP 2.0 request is improper for the following reason(s) and the after final amendment submitted with the request will be treated under pre-pilot procedure.

- ☐ An AFCP 2.0 request form PTO/SB/434 (or equivalent document) was not submitted.
- ☐ A non-broadening amendment to at least one independent claim was not submitted.
- ☐ The request is not the first proper AFCP 2.0 request submitted in response to the most recent final rejection.
- ☐ Other: _____

2. Proper Request

A. After final amendment submitted with the request will not be treated under AFCP 2.0.

The after final amendment cannot be reviewed and a search conducted within the guidelines of the pilot program.

- ☐ The after final amendment will be treated under pre-pilot procedure.

B. Updated search and/or completed additional consideration.

The examiner performed an updated search and/or completed additional consideration of the after final amendment within the time authorized for the pilot program. The result(s) of the updated search and/or completed additional consideration are:

- ☒ 1. All of the rejections in the most recent final Office action are overcome and a Notice of Allowance is issued herewith.
- ☐ 2. The after final amendment would not overcome all of the rejections in the most recent final Office action. See attached interview summary for further details.
- ☐ 3. The after final amendment was reviewed, and it raises a new issue(s). See attached interview summary for further details.
- ☐ 4. The after final amendment raises new issues, but would overcome all of the rejections in the most recent final Office action. A decision on determining allowability could not be made within the guidelines of the pilot. See attached interview summary for further details, including any newly discovered prior art.
- ☐ 5. Other: _____

Examiner Note: Please attach an interview summary when necessary as described above.

Issue Classification 	Application/Control No. 18/051,749	Applicant(s)/Patent Under Reexamination Brunner et al.	
	Examiner GIDEON R WEINERTH	Art Unit 3736	

CPC						
Symbol					Type	Version
B65D	/	21	/	0223	F	2013-01-01
B25H	/	3	/	02	I	2013-01-01
A45C	/	5	/	14	I	2013-01-01
A45C	/	7	/	005	I	2013-01-01
A45F	/	3	/	10	I	2013-01-01
B25H	/	1	/	04	I	2013-01-01
A45C	/	13	/	02	I	2013-01-01
B25H	/	3	/	021	I	2013-01-01
B65D	/	21	/	0209	I	2013-01-01
B62B	/	1	/	14	I	2013-01-01
B65D	/	21	/	0228	I	2013-01-01
B65H	/	2701	/	533	A	2013-01-01
A45C	/	7	/	0045	A	2013-01-01
B25H	/	3	/	023	A	2013-01-01
B62B	/	5	/	067	A	2013-01-01
B65D	/	2255	/	00	A	2013-01-01

CPC Combination Sets					
Symbol				Type	Set
	/		/		

NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	23	
/GIDEON R WEINERTH/ Examiner, Art Unit 3736	31 May 2023	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	21	6A, 6B

Issue Classification 	Application/Control No. 18/051,749	Applicant(s)/Patent Under Reexamination Brunner et al.	
	Examiner GIDEON R WEINERTH	Art Unit 3736	

INTERNATIONAL CLASSIFICATION				
CLAIMED				
B65D	/	21	/	02
B65D	/	21	/	028
A45C	/	13	/	02
B25H	/	3	/	02
A45C	/	5	/	14
A45C	/	7	/	00
A45F	/	3	/	10
B25H	/	1	/	04
NON-CLAIMED				
	/		/	

US ORIGINAL CLASSIFICATION	
CLASS	SUBCLASS
220	4.27

CROSS REFERENCES(S)						
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)					

NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	23	
/GIDEON R WEINERTH/ Examiner, Art Unit 3736	31 May 2023	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	21	6A, 6B

Issue Classification 	Application/Control No. 18/051,749	Applicant(s)/Patent Under Reexamination Brunner et al.
	Examiner GIDEON R WEINERTH	Art Unit 3736

☐ Claims renumbered in the same order as presented by applicant
 ☐ CPA
 ☒ T.D.
 ☐ R.1.47

CLAIMS															
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
	1		10		19	7	28	11	37	20	46				
	2		11		20	8	29	12	38	21	47				
	3		12	1	21		30	13	39	22	48				
	4		13		22		31	40	40	23	49				
	5		14	2	23		32	15	41						
	6		15	3	24		33	16	42						
	7		16	4	25		34	17	43						
	8		17	5	26	9	35	18	44						
	9		18	6	27	10	36	19	45						

NONE (Assistant Examiner) _____ (Date) _____		Total Claims Allowed: 23	
/GIDEON R WEINERTH/ Examiner, Art Unit 3736 (Primary Examiner) _____ (Date) _____		31 May 2023 (Date)	O.G. Print Claim(s) 21 O.G. Print Figure 6A, 6B

<i>Search Notes</i> 	Application/Control No. 18/051,749	Applicant(s)/Patent Under Reexamination Brunner et al.
	Examiner GIDEON R WEINERTH	Art Unit 3736

CPC - Searched*		
Symbol	Date	Examiner
A45C7/005,0045	02/15/2023	GW
A45C5/14	02/15/2023	GW
A45C13/02	02/15/2023	GW
A45F3/10	02/15/2023	GW
B25H1/04	02/15/2023	GW
B25H3/02,021,023	02/15/2023	GW
B62B1/14	02/15/2023	GW
B65D21/0223,0209,0228	02/15/2023	GW
B62B5/067	02/15/2023	GW
B65D2255/00	02/15/2023	GW
B65H2701/533	02/15/2023	GW
Update search	03/16/2023	GW

CPC Combination Sets - Searched*		
Symbol	Date	Examiner

US Classification - Searched*			
Class	Subclass	Date	Examiner
220	4.27	02/15/2023	GW

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

/GIDEON R WEINERTH/ Examiner, Art Unit 3736	/GIDEON R WEINERTH/ Examiner, Art Unit 3736
--	--

<i>Search Notes</i> 	Application/Control No. 18/051,749	Applicant(s)/Patent Under Reexamination Brunner et al.
	Examiner GIDEON R WEINERTH	Art Unit 3736

Search Notes		
Search Notes	Date	Examiner
Update search, Inventor search, IDS, AI MLTD search	02/15/2023	GW
IDS of 3/7/2023 considered	03/17/2023	GW
Update search, inventor search	05/31/2023	GW

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner
220	4.27	05/31/2023	GW
A45C5	14	05/31/2023	GW
A45C7	005	05/31/2023	GW
A45C13	02	05/31/2023	GW
A45F3	10	05/31/2023	GW
B25H1	04	05/31/2023	GW
B25H3	02,021,04,06,003,022	05/31/2023	GW
B62B1	14	05/31/2023	GW
B65D21	0223,0209,0227	05/31/2023	GW
B65D43	16	05/31/2023	GW

/GIDEON R WEINERTH/ Examiner, Art Unit 3736	/GIDEON R WEINERTH/ Examiner, Art Unit 3736
--	--

Bibliographic Data

Application No: 18/051,749

Foreign Priority claimed: ☐ Yes ☒ No

35 USC 119 (a-d) conditions met: ☐ Yes ☒ No ☐ Met After Allowance

Verified and Acknowledged: /GIDEON R WEINERTH/

G.R.W

Examiner's Signature

Initials

Title: Utility Assembly and Coupling Mechanism

FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
11/01/2022	220	3736	066749-3677
RULE			

APPLICANTS

Milwaukee Electric Tool Corporation, Brookfield, WI, UNITED STATES

Keter Plastic LTD., Herzelyia, ISRAEL

INVENTORS

Yaron Brunner, Kibbutz Gvat, ISRAEL

Grant T. Squiers,

Christopher S. Hoppe, Midvale, UT, UNITED STATES

Steven W. Hyma, Milwaukee, WI, UNITED STATES

CONTINUING DATA

This application is a CON of 17884230 08/09/2022

17884230 is a CON of 17064371 10/06/2020 PAT 11427382

17064371 is a CON of 16752441 01/24/2020 PAT 11008136

16752441 is a CON of 16216724 12/11/2018 PAT 10583962

16216724 is a CON of 15826232 11/29/2017 PAT 10703534

15826232 is a CON of PCT/IL2017/050481 04/30/2017

PCT/IL2017/050481 has PRO of 62459076 02/15/2017

PCT/IL2017/050481 has PRO of 62330334 05/02/2016

FOREIGN APPLICATIONS

IF REQUIRED, FOREIGN LICENSE GRANTED**

12/09/2022

STATE OR COUNTRY

ISRAEL

ADDRESS

Reinhart (Milwaukee Tool)

ATTN: TRAVIS MCDONNELL, PARALEGAL
1000 NORTH WATER STREET
SUITE 2100
MILWAUKEE, WI 53202
UNITED STATES

FILING FEE RECEIVED

\$6,160

PE2E SEARCH - Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	British Equivalents	Time Stamp
L1	1523	((("Milwaukee") near3 ("Electric") near3 ("Tool") near3 ("Corporation"))).AS,AA NM.	(USPAT)	OR	ON	ON	2023/02/13 06:10 PM
L2	224	((("Keter") near3 ("Plastic") near3 ("LTD"))).AS,AA NM.	(USPAT)	OR	ON	ON	2023/02/13 06:10 PM
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L4	107	((("Squiers") near3 ("Grant") near3 ("T"))).INV.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/13 06:11 PM
L5	144	((("Hoppe") near3 ("Christopher") near3 ("S"))).INV.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/13 06:12 PM
L6	236	((("Hyma") near3 ("Steven") near3 ("W"))).INV.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/13 06:12 PM
L7	570	220/4.27.ccls.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/13 06:14 PM
L9	1325	B65D21/0223,0209,0228.cpc.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/13 06:14 PM
L10	2508	A45C5/14.cpc.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/13 06:15 PM
L11	363	(US-0000440-\$ US-0001482-\$ US-0002004-\$ US-0006542-\$ US-0006770-\$ US-0014949-\$ US-0015928-\$ US-0023349-\$ US-0024468-\$ US-0025706-\$ US-0026901-\$ US-0027475-\$ US-0029543-\$ US-0030425-\$ US-0031222-\$ US-0031731-\$ US-0031732-\$ US-0031975-\$ US-0034515-\$ US-0038367-\$ US-0039781-\$ US-0039831-\$ US-0044059-\$ US-0045505-\$ US-0049824-\$ US-	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/13 06:19 PM

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L31	13	brunner AND weinerth	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/15 02:19 PM
L32	22	("10583962").urpn. AND (PGPB USPT USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/15 02:20 PM
L33	198	("2042387" "2430200" "2970358" "3005282" "3117692" "3506321" "3974898" "4168076" "5035445" "5105947" "5240264" "5301829" "5429260" "5595228" "5608603" "5628443" "D395533" "5797617" "5951037" "5988473" "6050660" "6085925" "6109627" "6176559" "D437669" "6347847" "6367631" "6371320" "D456972" "6431580" "6547347" "6601930" "6619772" "6637707"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/15 02:21 PM

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L37	1	"10981696".pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/15 02:26 PM
L38	1	("11008136").pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/15 02:26 PM
L39	9	("10703534" "10583962" "10981696" "11027883" "11192690" "11365026" "11427382" "11465805" "11008136" "10981696").pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/15 02:27 PM
L40	16	("10703534" "10583962" "10981696" "11027883" "11192690" "11365026" "11427382" "11465805" "11008136" "10981696").pn.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/02/15 02:27 PM
L41	16	("10703534," "10583962," "10981696," "11027883," "11192690," "11365026," "11427382," "11465805,"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV,	OR	ON	ON	2023/02/15 02:32 PM

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L43	1	"10703534".pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/15 02:34 PM
L44	1	"10583962".pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/15 02:35 PM
L45	3	L42 AND toggle.clm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/15 02:38 PM
L46	0	L42 AND bumper.clm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/15 03:02 PM
L47	9	L42 AND perpendicular.clm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/15 03:02 PM
L48	0	L42 AND (perpendicular ADJ "the" ADJ locking).clm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/15 03:03 PM
L49	1	L42 AND (perpendicular adj3 locking).clm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/15 03:03 PM
L50	4	L42 AND (spring).clm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/15 03:04 PM
L51	4	L42 AND (spring ADJ biased).clm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/15 03:06 PM
L52	1	L42 AND ((spring ADJ biased) AND toggle).clm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/15 03:07 PM
L53	1	"11365026".pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/15 08:16 PM
L54	63	((US-D936030-S OR US-11066089-B2 OR US-9725209-B1 OR US-9132543-B2 OR US-8925752-B2 OR US-8132819-B2 OR US-D630851-S OR US- 7367571-B1 OR US- 6082539-A OR US- 5906383-A OR US- 3811747-A OR US- D844324-S OR US-	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK,	OR	ON	ON	2023/02/15 08:46 PM

		11529985-B2 OR US- 10894314-B2 OR US- 11510486-B2 OR US- D967693-S OR US- 11426859-B2 OR US- 11385055-B2 OR US- 11283117-B2 OR US- D935771-S OR US- D932186-S OR US- D923935-S OR US- D917977-S OR US- D897103-S OR US- D896517-S OR US- D896518-S OR US- D893183-S OR US- 10583962-B2 OR US- 9616562-B2 OR US- 11338959-B2 OR US- 10981696-B2 OR US- 10703534-B2 OR US- 11008136-B2 OR US- 11027883-B1 OR US- 11192690-B1 OR US- 11365026-B2 OR US- 11427382-B2 OR US- 11465805-B2).did. AND USPT.dbnm.) OR ((US- 20190001482-A1 OR US-20190002004-A1 OR US-20180213934- A1 OR US- 20180044059-A1 OR US-20170318927-A1 OR US-20160023349- A1 OR US- 20130127129-A1 OR US-20130031732-A1 OR US-20120326406- A1 OR US- 20120292213-A1 OR US-20120152944-A1 OR US-20120080432- A1 OR US- 20110139665-A1 OR US-20100052276-A1 OR US-20090288970- A1 OR US- 20070273114-A1 OR US-20030075468-A1 OR US-20190225371- A1 OR US- 20170257958-A1 OR US-20210154824-A1 OR US-20200317392- A1 OR US- 20180161975-A1 OR US-20070138041-A1 OR US-20060042996-	TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
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		A1 OR US- 20210316909-A1).did. AND PGPB.dbnm.)					
L55	20	L54 NOT L15	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/02/15 08:46 PM
L56	20	L54 NOT L15	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/15 08:46 PM
L57	61	("10575417" "20180161 975" "20190291922" "2 0200147781" "2020016 5036" "8979100" "9962 825" "20200262459" "8 657307" "9566990" "20 170151972" "20200189 636" "20210039831" "7 845653" "8967438" "97 01443" "10357089" "10 703534" "20170166352 " "20190168376" "2021 0016928" "6347847" "6 415924" "8505729" "85 90704" "8602217" "887 5888" "10047546" "200 80121547" "201902253 71" "20200299027" "66 01930" "8567796" "871 4355" "8936258" "9643 629" "20050224494" "1 0179672" "10583962" " 20110139777" "201902 47995" "6176559" "939 3685" "RE47022" "1002 2856" "10106180" "201 40319147" "202002235 85" "7938412" "800212 4" "8132819" "9725209" "10138032" "10293476 " "10293477" "1079317 2" "20100052276" "201 80044059" "7832584" " 8061536" "9132543").P N	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/24 12:50 AM
L58	74	("2634020" "3182856"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/24

		"3387732" "3581928" "4351448" "5353948" "5469961" "5606820" "5699925" "5755180" "6761266" "6959507" "7246718" "20030155267" "20050224494" "20080308641" "20090139892" "20090178989" "20090236255").pn. OR ("8590704").urpn. AND (PGPB USPT USOC).dbnm.	USOCR)				12:53 AM
L59	735	L15	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/24 01:11 AM
L60	35	(US-0027343-\$ US- 0036215-\$ US- 0104914-\$ US- 0117393-\$ US- 0127736-\$ US- 0240671-\$ US- 0258324-\$ US- 0360803-\$ US- 0369781-\$ US- 0402113-\$ US- 11554898-\$ US- 20110127736-\$ US- 20210104914-\$ US- 20210360803-\$ US- 20220117393-\$ US- 20220240671-\$ US- 20220258324-\$ US- 20220369781-\$ US- 20220402113-\$ US- 20230027343-\$ US- 20230036215-\$ US- 5906381-\$ US- 7416193-\$ US- 8657307-\$ US- 9776651-\$).DID.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/03/17 12:30 AM
L61	16	("3027885" "3635206" "4640326" "5431206" "5664612" "6273081" "6419440" "7086434" "7089980" "7213829" "20030047895" "20060038383" "20060071450" "20060076756").pn. OR ("7416193").urpn. AND (PGPB USPT USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/03/17 12:31 AM
L62	15	("5906381" "7416193" "8657307" "9776651" "11554898"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/03/17 12:34 AM

		"20110127736" "20210104914" "20210360803" "20220117393" "20220240671" "20220258324" "20220369781" "20220402113" "20230027343" "20230036215").pn.					
L63	1739	((("MILWAUKEE") near3 ("ELECTRIC") near3 ("TOOL") near3 ("CORPORATION")) OR (("KETER") near3 ("PLASTIC") near3 ("LTD"))).AS.AANM.	(USPAT)	OR	ON	ON	2023/03/17 12:37 AM
L64	0	("11529985").urpn. AND (PGPB USPT USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/03/17 12:38 AM
L65	253	("2042387" "2430200" "2970358" "3117692" "3225865" "3506321" "D232798" "3974898" "4168076" "4971201" "5035445" "D319016" "5098235" "D325324" "5105947" "D326815" "5240264" "D340167" "5301829" "D352208" "5429260" "D361511" "5538213" "5595228" "5608603" "5628443" "D395533" "5797617" "5951037" "D415393" "5988473" "D420860" "6050660" "6085925" "6109627" "6176559" "D437669" "6305498" "6347847" "6367631" "6371320" "D456972" "6431580" "6547347" "6601930" "6619772" "6637707" "6641013" "6945546" "6948691" "6983946" "7044484" "7066475" "D525789" "D527225" "7147243" "D536580" "7263742" "7367571" "7503569" "7658887" "7779764" "7780026" "7841144" "D630851" "8028845" "D649350" "D653832" "8132819" "8177463" "D661858" "8191910" "D663952"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/03/17 12:38 AM

		"D664354"	"D668869"						
		"D674605"	"8454033"						
		"8459495"	"8505729"						
		"8567796"	"8677661"						
		"D701696"	"8689396"						
		"8714355"	"8813960"						
		"8875888"	"8979100"						
		"8985922"	"D738105"						
		"D738106"	"9132543"						
		"D753394"							
		"D753395"	"D753396"						
		"D765974"							
		"D770179"	"9506489"						
		"9511491"	"D777426"						
		"9566990"	"D784089"						
		"9616562"	"9643629"						
		"D790221"	"9701443"						
		"9725209"	"D803631"						
		"D806483"	"9872562"						
		"D814187"	"D815831"						
		"D816334"							
		"D826510"	"D828671"						
		"D831352"							
		"10106180"	"D833744"						
		"D836995"							
		"D839681"	"D837515"						
		"D845080"							
		"D845081"	"D857387"						
		"10434638"							
		"D871013"	"D873085"						
		"10583962"							
		"D880252"	"D880951"						
		"D883752"							
		"D887788"	"D888422"						
		"D888503"							
		"D891193"	"D891195"						
		"D891875"							
		"D892565"	"D895375"						
		"D895966"							
		"D895967"	"D896517"						
		"D896518"							
		"20020000440"							
		"20020125072"							
		"20020171228"							
		"20030094393"							
		"20030115715"							
		"20030146589"							
		"20030184034"							
		"20030205877"							
		"20040103494"							
		"20040195793"							
		"20040206656"							
		"20050062244"							
		"20050104308"							
		"20050139745"							
		"20060006770"							
		"20060027475"							
		"20060038367"							

	"20060119060"						
	"20060186624"						
	"20060254946"						
	"20070012694"						
	"20070068757"						
	"20070090616"						
	"20070145700"						
	"20070194543"						
	"20080104921"						
	"20080115312"						
	"20080121547"						
	"20080134607"						
	"20080169739"						
	"20080271280"						
	"20080277221"						
	"20080308369"						
	"20090026901"						
	"20090071990"						
	"20090145790"						
	"20090145866"						
	"20090145913"						
	"20090178946"						
	"20090236482"						
	"20100052276"						
	"20100139566"						
	"20100147642"						
	"20100219193"						
	"20100290877"						
	"20110073516"						
	"20110139665"						
	"20110155613"						
	"20110174939"						
	"20110181008"						
	"20110220531"						
	"20120160886"						
	"20120180250"						
	"20120207571"						
	"20120292213"						
	"20120326406"						
	"20130024468"						
	"20130031731"						
	"20130031732"						
	"20130068903"						
	"20130121783"						
	"20130127129"						
	"20130146551"						
	"20130154218"						
	"20130223971"						
	"20140076759"						
	"20140161518"						
	"20140166516"						
	"20150034515"						
	"20150274362"						
	"20150376917"						
	"20160023349"						
	"20160130034"						
	"20160144500"						
	"20160168880"						

		"20160221177" "20170121056" "20170138382" "20170165828" "20170166352" "20170174392" "20170217464" "20170239808" "20170257958" "20170266804" "20170318927" "20170349013" "20180044059" "20180099405" "20180153312" "20180161975" "20180186513" "20180220758" "20180290288" "20190002004" "20190031222" "20190039781" "20190106244" "20190225371" "20200055534" "20200147781" "20200165036" "20200243925" "20200299027").pn. OR ("11426859").urpn. AND (PGPB USPT USOC).dbnm.					
L66	184	("2042387" "2430200" "2970358" "3117692" "3506321" "3974898" "4168076" "5035445" "5105947" "5240264" "5301829" "5429260" "5595228" "5608603" "5628443" "5797617" "5951037" "5988473" "6050660" "6085925" "6109627" "6176559" "6347847" "6367631" "6371320" "6431580" "6547347" "6601930" "6619772" "6637707" "6641013" "6945546" "6948691" "6983946" "7044484" "7066475" "D525789" "7147243" "7263742" "7367571" "7503569" "7658887" "7780026" "7841144" "D630851" "8028845" "D653832" "8132819" "8177463" "D661858" "8191910" "D663952"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/03/17 12:46 AM

		"D664354" "D674605" "8454033" "8459495" "8505729" "8567796" "8677661" "D701696" "8689396" "8714355" "8813960" "8875888" "8979100" "8985922" "D738106" "9132543" "D753394" "D753395" "D765974" "D770179" "9506489" "9511491" "9566990" "9616562" "9643629" "D790221" "9701443" "9725209" "9872562" "D814187" "D816334" "D826510" "D833744" "D837515" "10434638" "10593962" "D895967" "20020000440" "20020171228" "20030115715" "20030146589" "20030184034" "20030205877" "20040103494" "20040195793" "20040206656" "20050062244" "20050104308" "20050139745" "20060006770" "20060027475" "20060038367" "20060119060" "20060186624" "20060254946" "20070068757" "20070090616" "20070145700" "20070194543" "20080104921" "20080115312" "20080121547" "20080134607" "20080169739" "20080271280" "20080277221" "20080308369" "20090026901" "20090071990" "20090145790" "20090145866" "20090145913" "20090178946" "20100052276"					
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		"20100139566" "20100147642" "20100219193" "20110073516" "20110139665" "20110155613" "20110181008" "20110220531" "20120160886" "20120180250" "20120207571" "20120326406" "20130024468" "20130031731" "20130031732" "20130121783" "20130127129" "20130223971" "20140161518" "20140166516" "20150376917" "20160023349" "20160130034" "20160144500" "20160168880" "20170121056" "20170138382" "20170165828" "20170166352" "20170174392" "20170217464" "20170239808" "20170257958" "20170266804" "20170318927" "20180044059" "20180161975" "20180186513" "20180220758" "20180290288" "20190002004" "20190039781" "20190106244" "20190225371").pn. OR ("D920671").urpn. AND (PGPB USPT USOC).dbnm.					
L67	13	((US-11529985-B2 OR US-11510486-B2 OR US-D967693-S OR US- 11426859-B2 OR US- 11385055-B2 OR US- 11338959-B2 OR US- 11027883-B1 OR US- D936030-S OR US- 10962218-B2).did. AND USPT.dbnm.) OR ((US- 20210154824-A1 OR	(US-PGPUB, USPAT, USOCR, FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO,	OR	ON	ON	2023/03/17 11:50 PM

		US-20070138041-A1 OR US-20200243925-A1 OR US-20190225371-A1).did. AND PGPB dbnm.)	RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L68	24	("11027883" "11338959 "11385055" "1142685 9" "11510486" "115299 85" "20070138041" "20 210154824" "D967693") .PN.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/03/17 11:50 PM
L69	4	L67 NOT L68	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/03/17 11:50 PM
L70	56	("3634732" "3950701" "5235822" "5547080" "5810168" "6982541" "7332889" "7334680" "7471063" "7519195" "7557537" "7609027" "7835534" "7868590" "D661687" "D662081" "8203307" "8567796" "8604752" "D710328" "8842427" "8907623" "8929579" "8936258" "9132543" "9313907" "9566990" "9643629" "D792868" "9716522" "9834337" "D807324" "9914210" "10021480" "D881834" "D889433" "D897103" "D902881"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/05/31 02:44 PM

		"D903637" "D906285" "D920671" "20070138041" "20080025544" "20130156251" "20130248390" "20140001719" "20170125886" "20170151972" "20170217464" "20170257958").pn. OR ("D936030").urpn. AND (PGPB USPT USOC).dbnm.					
L71	14	("2007/0138041").urpn. AND (PGPB USPT USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/05/31 02:45 PM
L72	17	("0010334" "0123708" "0480709" "3346137" "4213532" "4744445" "4813542" "4889235" "6930881" "8505768" "9089964" "20020166860" "20070138041").pn. OR ("11253037").urpn. AND (PGPB USPT USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/05/31 02:45 PM
L73	1788	((("MILWAUKEE") near3 ("ELECTRIC") near3 ("TOOL") near3 ("CORPORATION")) OR (("KETTER") near3 ("PLASTIC") near3 ("LTD")))) AS AANM	(USPAT)	OR	ON	ON	2023/05/31 02:47 PM
L74	490	("0495537" "0509839" "1081378" "1084360" "1112943" "1488460" "1704480" "0D85986" "2042387" "2100036" "2103106" "2124541" "2210235" "2386343" "2430200" "2558126" "2588009" "2939613" "2970358" "3005282" "3117692" "3186585" "3225865" "3370236" "3423786" "3424334" "3506321" "3514170" "3550908" "3552817" "3567298" "3743372" "D232798" "3835623" "3851936" "3935613" "3974898" "3999818" "4043566" "4122925" "4168076" "4243279" "4303367" "4491231"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/05/31 02:50 PM

		"4524985"	"4564732"					
		"4577772"	"D285986"					
		"4639005"	"4643494"					
		"4660725"	"4673070"					
		"4684034"	"4693345"					
		"4735107"	"4805859"					
		"4817237"	"4929973"					
		"4971201"	"5035389"					
		"5035445"	"D319016"					
		"5098235"	"D325324"					
		"5105947"	"D326815"					
		"5154291"	"5240264"					
		"D340167"	"5282554"					
		"5301829"	"5325966"					
		"5356038"	"5356105"					
		"D352208"	"5375709"					
		"5429235"	"5429260"					
		"5433416"	"D361511"					
		"5454634"	"5538213"					
		"5595228"	"5608603"					
		"5622296"	"5628443"					
		"5653366"	"5664292"					
		"D395533"	"5775046"					
		"5797617"	"5850996"					
		"5890613"	"5951037"					
		"5957421"	"D415393"					
		"5988473"	"D420860"					
		"6036071"	"6050660"					
		"6082539"	"6082687"					
		"6085925"	"6098858"					
		"6109627"	"6123344"					
		"6131926"	"6132819"					
		"6176558"	"6176559"					
		"D437484"						
		"D437669"	"6305498"					
		"6311881"	"6347847"					
		"6354759"	"6367631"					
		"6371320"	"6371321"					
		"6371424"	"D456972"					
		"6431580"	"6497395"					
		"6547347"	"6601930"					
		"6619772"	"6637707"					
		"6641013"	"6666362"					
		"6889838"	"6945546"					
		"6948691"	"6983946"					
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L80	571	220/4.27.ccls.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/05/31 09:22 PM

L81	28	(US-0044827-\$ US-0138041-\$ US-0154824-\$ US-0169667-\$ US-0254757-\$ US-0383507-\$ US-11027883-\$ US-11338959-\$ US-11385055-\$ US-2372845-\$ US-2733076-\$ US-20070138041-\$ US-20080169667-\$ US-20090044827-\$ US-20100254757-\$ US-20200383507-\$ US-20210154824-\$ US-3685866-\$ US-8590704-\$ US-8974139-\$).DID.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/05/31 09:37 PM
L82	20	((US-D936030-S OR US-10962218-B2 OR US-11253037-B2 OR US-11124347-B2 OR US-9089964-B2 OR US-4744445-A OR US-11554898-B2 OR US-11426859-B2 OR US-11612998-B1 OR US-D917977-S OR US-10793172-B2).did. AND USPT.dbnm.) OR ((US-20200243925-A1 OR US-20190225371-A1 OR US-20200078929-A1 OR US-20220402113-A1 OR US-20220369781-A1 OR US-20210316909-A1 OR US-20210267368-A1 OR US-20210104909-A1 OR US-20210104914-A1).did. AND PGPB.dbnm.)	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/05/31 09:41 PM
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PE2E SEARCH - Search History (Interference)

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N3	132	A45C7/005.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2023/05/31 09:23 PM
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N5	3504	A45C13/02.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2023/05/31 09:23 PM
N6	474	A45F3/10.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2023/05/31 09:24 PM
N7	969	B25H1/04.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2023/05/31 09:24 PM
N8	1452	B25H3/02,021.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2023/05/31 09:24 PM
N9	970	B62B1/14.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2023/05/31 09:24 PM
N10	1306	B65D21/0223,0209,0228.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2023/05/31 09:24 PM
N11	3014	B25H3/04,06,003,022.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2023/05/31 09:27 PM
N12	1189	B65D43/16.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2023/05/31 09:28 PM
N13	20	(US-0044827-\$ US-0138041-\$ US-0154824-\$ US-0169667-\$ US-0254757-\$ US-0383507-\$ US-11027883-\$ US-11338959-\$ US-11385055-\$ US-2372845-\$ US-2733076-\$ US-20070138041-\$ US-20080169667-\$ US-20090044827-\$ US-20100254757-\$ US-20200383507-\$ US-20210154824-\$ US-3685866-\$ US-8590704-\$ US-8974139-\$).DID.	(US-PGPUB; USPAT)	OR	ON	ON	2023/05/31 09:37 PM

CERTIFICATION AND REQUEST FOR CONSIDERATION UNDER THE AFTER FINAL CONSIDERATION PILOT PROGRAM 2.0		
Practitioner Docket No.: 066749-3677	Application No.: 18/051,749	Filing Date: November 1, 2022
First Named Inventor: Yaron Brunner	Title: Utility Assembly and Coupling Mechanism	
APPLICANT HEREBY CERTIFIES THE FOLLOWING AND REQUESTS CONSIDERATION UNDER THE AFTER FINAL CONSIDERATION PILOT PROGRAM 2.0 (AFCP 2.0) OF THE ACCOMPANYING RESPONSE UNDER 37 CFR 1.116. 1. The above-identified application is (i) an original utility, plant, or design nonprovisional application filed under 35 U.S.C. 111(a) [a continuing application (e.g., a continuation or divisional application) is filed under 35 U.S.C. 111(a) and is eligible under (i)], or (ii) an international application that has entered the national stage in compliance with 35 U.S.C. 371(c). 2. The above-identified application contains an outstanding final rejection. 3. Submitted herewith is a response under 37 CFR 1.116 to the outstanding final rejection. The response includes an amendment to at least one independent claim, and the amendment does not broaden the scope of the independent claim in any aspect. 4. This certification and request for consideration under AFCP 2.0 is the only AFCP 2.0 certification and request filed in response to the outstanding final rejection. 5. Applicant is willing and available to participate in any interview requested by the examiner concerning the present response. 6. This certification and request is being filed electronically using the USPTO's patent electronic filing system. 7. Any fees that would be necessary consistent with current practice concerning responses after final rejection under 37 CFR 1.116, e.g., extension of time fees, are being concurrently filed herewith. [There is no additional fee required to request consideration under AFCP 2.0.] 8. By filing this certification and request, applicant acknowledges the following: • Reissue applications and reexamination proceedings are not eligible to participate in AFCP 2.0. • The examiner will verify that the AFCP 2.0 submission is compliant, i.e., that the requirements of the program have been met (see items 1 to 7 above). For compliant submissions: ○ The examiner will review the response under 37 CFR 1.116 to determine if additional search and/or consideration (i) is necessitated by the amendment and (ii) could be completed within the time allotted under AFCP 2.0. If additional search and/or consideration is required but cannot be completed within the allotted time, the examiner will process the submission consistent with current practice concerning responses after final rejection under 37 CFR 1.116, e.g., by mailing an advisory action. ○ If the examiner determines that the amendment does not necessitate additional search and/or consideration, or if the examiner determines that additional search and/or consideration is required and could be completed within the allotted time, then the examiner will consider whether the amendment places the application in condition for allowance (after completing the additional search and/or consideration, if required). If the examiner determines that the amendment does not place the application in condition for allowance, then the examiner will contact the applicant and request an interview. ▪ The interview will be conducted by the examiner, and if the examiner does not have negotiation authority, a primary examiner and/or supervisory patent examiner will also participate. ▪ If the applicant declines the interview, or if the interview cannot be scheduled within ten (10) calendar days from the date that the examiner first contacts the applicant, then the examiner will proceed consistent with current practice concerning responses after final rejection under 37 CFR 1.116.		
Signature /Derek H. Campbell/	Date May 11, 2023	Practitioner Registration No. 70,608
Name (Print/Typed) Derek H. Campbell	Telephone Number 414-298-8374	
Note: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4(d) for signature requirements and certifications. Submit multiple forms if more than one signature is required, see below*.		
☒ * Total of <u>1</u> forms are submitted.		

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
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5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.



UNITED STATES
PATENT AND TRADEMARK OFFICE

P.O. Box 1450
Alexandria, VA 22313 - 1450
www.uspto.gov

ELECTRONIC PAYMENT RECEIPT

APPLICATION #
18/051,749

RECEIPT DATE / TIME
05/11/2023 04:10:24 PM ET

ATTORNEY DOCKET #
066749-3677

Title of Invention

Utility Assembly and Coupling Mechanism

Application Information

APPLICATION TYPE Utility - Nonprovisional Application
under 35 USC 111(a)

PATENT # -

CONFIRMATION # 9909

FILED BY Sarah Sesterhenn-Lee

PATENT CENTER # 62074851

AUTHORIZED BY Derek Campbell

CUSTOMER # 142078

FILING DATE 11/01/2022

CORRESPONDENCE ADDRESS -

FIRST NAMED INVENTOR Yaron Brunner

Payment Information

PAYMENT METHOD
DA / 180882

PAYMENT TRANSACTION ID
E20235AG11358642

PAYMENT AUTHORIZED BY
Sarah Sesterhenn-Lee

PRE-AUTHORIZED ACCOUNT
180882

PRE-AUTHORIZED CATEGORY

37 CFR 1.16 (National application filing, search, and examination fees); 37 CFR 1.17 (Patent application and reexamination processing fees); 37 CFR 1.19 (Document supply fees); 37 CFR 1.20 (Post issuance fees); 37 CFR 1.21 (Miscellaneous fees and charges)

FEE CODE	DESCRIPTION	ITEM PRICE(\$)	QUANTITY	ITEM TOTAL(\$)
1202	EACH CLAIM IN EXCESS OF 20	100.00	3	300.00
TOTAL AMOUNT:				\$300.00

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for filing date (see 37 CFR 1.53(b)-(d))

and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.



ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #
18/051,749

RECEIPT DATE / TIME
05/11/2023 04:10:24 PM ET

ATTORNEY DOCKET #
066749-3677

Title of Invention

Utility Assembly and Coupling Mechanism

Application Information

APPLICATION TYPE Utility - Nonprovisional Application
under 35 USC 111(a)

PATENT # -

CONFIRMATION # 9909

FILED BY Sarah Sesterhenn-Lee

PATENT CENTER # 62074851

FILING DATE 11/01/2022

CUSTOMER # 142078

FIRST NAMED
INVENTOR Yaron Brunner

CORRESPONDENCE
ADDRESS -

AUTHORIZED BY Derek Campbell

Documents

TOTAL DOCUMENTS: 4

DOCUMENT		PAGES	DESCRIPTION	SIZE (KB)
066749- 3677_Final_Office_Action_Re sponse.pdf		12	-	116 KB
066749- 3677_Final_Office_Action_ Response-A.NE.pdf	(1-1)	1	Response After Final Action	94 KB
066749- 3677_Final_Office_Action_ Response-CLM.pdf	(2-9)	8	Claims	87 KB
066749- 3677_Final_Office_Action_ Response-REM.pdf	(10-12)	3	Applicant Arguments/Remarks Made in an Amendment	79 KB

066749-3677_AFCP.pdf

2

After Final Consideration
Program Request

219 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
066749-3677_Final_Office_Action_Response.pdf	3A2335C9DB127F41F920933A104B1DECDAB757D1480DB0713 6F3E6CE6B3B9FE24518FA90C238A154319305BDD65877F8824 5D5DEC93F79ADEC606025DBBDF22
066749-3677_Final_Office_Action_Response-A.NE.pdf	6DA1664749C02CB37C8CAD28E4E942B2FF4A441CAD6325A2 B1667805565E9F2055EEE710A8E0834D5599800872EC2C3C75 AC8048811BE7445D258922D72EF23A
066749-3677_Final_Office_Action_Response-CLM.pdf	E9F3B083B3A990E889D9E965FF661C35F343B85AE3E4DDAB1 85C14B0D831A50AFF57090BA8262B5B8AB7A9251A8770B55E4 A31024A21FC6E0EB3478F8089982F
066749-3677_Final_Office_Action_Response-REM.pdf	16BE0B9085FA9D799F09AE2424750B6F28D30EFB1580E95082 024394FA85AF9391F49E8AFD30887A764EDF0A68D40917C22C 66C64D28BDB6D8CA0CB6C89DCCAC
066749-3677_AFCP.pdf	E4C9586CDE67DE5E6C27515A6D2F4468758248DF8CBEB5A56 8C142B604EEF74C7B74E5C3BB756D2E30DEFAE05D1E378F0 C68C624D7E9D5F08EB3260B2FBD2F5E

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New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Milwaukee Electric Tool Corporation et al.
Title: Utility Assembly and Coupling Mechanism
Appl. No.: 18/051,749
Filing Date: November 1, 2022
Examiner: GIDEON R WEINERTH
Art Unit: 3736
Confirmation No: 9909

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT AND REPLY UNDER 37 C.F.R. § 1.116

This communication is responsive to the Final Office Action dated March 23, 2023, concerning the above-referenced patent application.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this document.

Remarks begin on page 10 of this document.

Please amend the application as follows:

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-20. (Cancelled)

21. (Currently Amended) A container assembly comprising:

a first container comprising:

a first coupler extending from a top face of the first container, the first coupler comprising two sidewalls, a back wall, and a rib, the back wall located between the two sidewalls, the two sidewalls and the back wall projecting above a depressed surface of the top face, and the rib extending away from the back wall in a first direction;

a first lid pivotally attached to the first container; and

a first toggle locking latch configured to latch the first lid of the first container in a closed position; and

a second container comprising:

a second coupler extending from the second container, the second coupler comprising a tongue extending in a direction parallel to a bottom face of the second container, the tongue extends in a second direction opposite the first direction, the tongue of the second container is engageable with the rib of the first container such that the tongue engages between the rib and the depressed surface;

a second lid pivotally attached to the second container; [[and]]

a second toggle locking latch configured to latch the second lid of the second container in a closed position;

a front face;

a first side face;

an opposing second side face;

a first corner bumper coupled to the second container between the front face and the first side face, the first corner bumper defining a first outer surface that faces away from each of the front face and the first side face; and

a second corner bumper coupled to the second container between the front face and the second side face, and the second corner bumper defining a second outer surface that faces away from each of the front face and the second side face;

wherein the first and second couplers of the first and second containers engage each other when the first and second containers are slid with respect to each other along a sliding path defined by the rib and the tongue;

a locking latch arresting location defined by one of the first container or the second container; and

a locking latch coupled to the other of the first container or the second container, the locking latch positionable in a locked position engaging the locking latch arresting location thereby limiting sliding displacement of the first container with respect to the second container.

22. (Cancelled)

23. (Previously Presented) The container assembly of claim 21, wherein the sliding path is perpendicular to the locking latch.

24. (Previously Presented) The container assembly of claim 21, wherein the locking latch is spring biased to engage with the locking latch arresting location.

25. (Previously Presented) The container assembly of claim 21, wherein a width of the second container is half of a width of the first container, and the second container is located on top of the first container.

26. (Currently Amended) The container assembly of claim 21, wherein the first container further comprises a handle coupled to a front face of the first container and a ~~second~~third toggle

locking latch configured to latch the first lid of the first container in ~~[[a]]~~the closed position, wherein the handle is located between the first and ~~second~~third toggle locking latches of the first container.

27. (Previously Presented) The container assembly of claim 21, wherein the second coupler of the second container extends from the bottom face of the second container such that the tongue is offset from at least a portion of the bottom face of the second container and wherein the rib engages between the tongue and the bottom face of the second container.

28. (Currently Amended) The container assembly of claim 21, wherein the first container defines a width axis parallel to a front face of the first container and the second container defines a length axis perpendicular to ~~[[a]]~~the front face of the second container, wherein the width axis of the first container is perpendicular to the length axis of the second container when the second container is coupled on top of the first container.

29. (Previously Presented) The container assembly of claim 21, wherein the first container further comprises a pair of rear wheels and a telescoping handle extending upwards from a rear wall of the first container.

30-34. (Cancelled)

35. (New) A container assembly comprising:
a first container comprising:

a first coupler extending from a top face of the first container, the first coupler comprising two sidewalls, a back wall, and a rib, the back wall located between the two sidewalls, the two sidewalls and the back wall projecting above a depressed surface of the top face, and the rib extending away from the back wall in a first direction;

a first lid pivotally attached to the first container; and

a first toggle locking latch configured to latch the first lid of the first container in a closed position; and

a second container comprising:

- a second coupler extending from the second container, the second coupler comprising a tongue extending in a direction parallel to a bottom face of the second container, the tongue extends in a second direction opposite the first direction, the tongue of the second container is engageable with the rib of the first container such that the tongue engages between the rib and the depressed surface, wherein the second coupler of the second container extends from the bottom face of the second container such that the tongue is offset from at least a portion of the bottom face of the second container and wherein the rib engages between the tongue and the bottom face of the second container;
- a second lid pivotally attached to the second container; and
- a second toggle locking latch configured to latch the second lid of the second container in a closed position;

wherein the first and second couplers of the first and second containers engage each other when the first and second containers are slid with respect to each other along a sliding path defined by the rib and the tongue;

a locking latch arresting location defined by one of the first container or the second container; and

a locking latch coupled to the other of the first container or the second container, the locking latch positionable in a locked position engaging the locking latch arresting location thereby limiting sliding displacement of the first container with respect to the second container.

36. (New) The container assembly of claim 35, the second container comprising a front face, a first side face, an opposing second side face, a first corner bumper coupled to the second container between the front face and the first side face, and a second corner bumper coupled to the second container between the front face and the second side face, the first corner bumper defining a first outer surface that faces away from each of the front face and the first side face,

and the second corner bumper defining a second outer surface that faces away from each of the front face and the second side face.

37. (New) The container assembly of claim 35, wherein the sliding path is perpendicular to the locking latch.

38. (New) The container assembly of claim 35, wherein the locking latch is spring biased to engage with the locking latch arresting location.

39. (New) The container assembly of claim 35, wherein a width of the second container is half of a width of the first container, and the second container is located on top of the first container.

40. (New) The container assembly of claim 35, wherein the first container further comprises a handle coupled to a front face of the first container and a third toggle locking latch configured to latch the first lid of the first container in the closed position, wherein the handle is located between the first and third toggle locking latches of the first container.

41. (New) The container assembly of claim 35, wherein the first container defines a width axis parallel to a front face of the first container and the second container defines a length axis perpendicular to a front face of the second container, wherein the width axis of the first container is perpendicular to the length axis of the second container when the second container is coupled on top of the first container.

42. (New) The container assembly of claim 35, wherein the first container further comprises a pair of rear wheels and a telescoping handle extending upwards from a rear wall of the first container.

43. (New) A container assembly comprising:

a first container comprising:

a first coupler extending from a top face of the first container, the first coupler comprising two sidewalls, a back wall, and a rib, the back wall located between the two sidewalls, the two sidewalls and the back wall projecting above a depressed surface of the top face, and the rib extending away from the back wall in a first direction;

a first lid pivotally attached to the first container; and

a first toggle locking latch configured to latch the first lid of the first container in a closed position; and

a second container comprising:

a second coupler extending from the second container, the second coupler comprising a tongue extending in a direction parallel to a bottom face of the second container, the tongue extends in a second direction opposite the first direction, the tongue of the second container is engageable with the rib of the first container such that the tongue engages between the rib and the depressed surface;

a second lid pivotally attached to the second container; and

a second toggle locking latch configured to latch the second lid of the second container in a closed position;

wherein the first and second couplers of the first and second containers engage each other when the first and second containers are slid with respect to each other along a sliding path defined by the rib and the tongue;

a locking latch arresting location defined by one of the first container or the second container; and

a locking latch coupled to the other of the first container or the second container, the locking latch positionable in a locked position engaging the locking latch arresting location thereby limiting sliding displacement of the first container with respect to the second container;

wherein the first container defines a width axis parallel to a first front face of the first container and the second container defines a length axis perpendicular to a second front face of

the second container, wherein the width axis of the first container is perpendicular to the length axis of the second container when the second container is coupled on top of the first container.

44. (New) The container assembly of claim 43, the second container comprising a first side face, an opposing second side face, a first corner bumper coupled to the second container between the second front face and the first side face, and a second corner bumper coupled to the second container between the second front face and the second side face, the first corner bumper defining a first outer surface that faces away from each of the second front face and the first side face, and the second corner bumper defining a second outer surface that faces away from each of the second front face and the second side face.

45. (New) The container assembly of claim 43, wherein the sliding path is perpendicular to the locking latch.

46. (New) The container assembly of claim 43, wherein the locking latch is spring biased to engage with the locking latch arresting location.

47. (New) The container assembly of claim 43, wherein the first container further comprises a handle coupled to the first front face of the first container and a third toggle locking latch configured to latch the first lid of the first container in the closed position, wherein the handle is located between the first and third toggle locking latches of the first container.

48. (New) The container assembly of claim 43, wherein the second coupler of the second container extends from the bottom face of the second container such that the tongue is offset from at least a portion of the bottom face of the second container and wherein the rib engages between the tongue and the bottom face of the second container.

49. (New) The container assembly of claim 43, wherein the first container further comprises a pair of rear wheels and a telescoping handle extending upwards from a rear wall of the first container.

REMARKS

This reply is intended to be completely responsive to the Final Office Action dated March 23, 2023.

Status

Claims 21-29 are pending in this application. Claims 21, 23-26 and 29 were rejected, and claims 22, 27 and 28 are objected to.

Upon entry of this amendment, claims 21, 26 and 28 will be amended, claim 22 will be cancelled, and claims 35-49 will be added.

Applicant believes that each of the rejections raised by the Examiner has been addressed and the application is in condition for allowance. Reconsideration and allowance of the application is respectfully requested.

Double Patenting

On pages 2-6 of the Office Action, the Examiner has rejected claims 21, 23, 24, 25, 26 and 29 on the ground of statutory obviousness-type double patenting as being unpatentable over claims 1, 2, 4 and 8-11 of U.S. Patent No. 11,365,026.

Without conceding the propriety of this rejection, to expedite prosecution of this application Applicant has amended independent claim 21 to include the subject matter of former dependent claim 22. As indicated by the Examiner, former dependent claim 22 recites allowable subject matter but was objected to as dependent from a rejected independent claim. Office Action, page 6.

Accordingly, Applicant respectfully submits that this rejection has been overcome and should be withdrawn for independent claim 21, and claims 23-26 and 29, which depend from claim 21.

Allowable Subject Matter

On page 6 of the Office Action, the Examiner indicated that dependent claims 22, 27 and 28 recite allowable subject matter but are objected to as dependent from a rejected independent claim. Independent claim 21 is amended to recite the allowable subject matter of former dependent claim 22. Dependent claim 22 is cancelled.

It should be noted that Applicant has amended independent claim 21 to obtain prompt allowance of claims including subject matter indicated as allowable by the Examiner only and do not intend to indicate agreement with the Examiner's rejections. Further, Applicant reserves the right to pursue the subject matter of the amended or cancelled claims in this or future applications.

New Claims

Applicant has added new claims 35-49 to present claims of varying scope.

Independent claim 35 recites the subject matter of independent claim 21 as previously presented and dependent claim 27, which was indicated to recite allowable subject matter. Office Action, page 6. Dependent claims 36-42 depend from claim 35 and recite the subject matter of dependent claims 22-26 and 28-29.

Independent claim 43 recites the subject matter of independent claim 21 as previously presented and dependent claim 28, which was indicated to recite allowable subject matter. Office Action, page 6. Dependent claims 44-49 depend from claim 43 and recite the subject matter of dependent claims 22-27 and 29.

Support for new claims 35-49 can generally be found throughout the specification and figures, and specific exemplary support can be found at least in paragraphs [00197] to [00198], [00209], [00211] to [00212], [00215] to [00224], [00229], [00230], and [00234] to [00235], and FIGS. 1A, 1B, 6A-6D, 7A, 7B, 11A, 13A, 13C, and 16B.

Conclusion

Applicant believes that the present application is in condition for allowance. Favorable reconsideration of the application is respectfully requested.

The Examiner is invited to contact the undersigned by telephone if it is felt that a telephone interview would advance the prosecution of the present application.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 18-0882. If any extensions of time are needed for timely acceptance of papers submitted herewith, Applicant hereby petitions for such extension under 37 C.F.R. §1.136 and authorizes payment of any such extensions fees to Deposit Account No. 18-0882.

Respectfully submitted,

Date May 11, 2023

By /Derek H. Campbell/

Reinhart Boerner Van Deuren s.c.
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Facsimile: (414) 298-8097

Derek H. Campbell
Attorney for Applicant
Registration No. 70,608

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875				Application or Docket Number 18/051,749		Filing Date 11/01/2022		☐ To be Mailed			
ENTITY: ☒ LARGE ☐ SMALL ☐ MICRO											
APPLICATION AS FILED - PART I											
		(Column 1)		(Column 2)							
FOR		NUMBER FILED		NUMBER EXTRA		RATE (\$)		FEE (\$)			
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))		N/A		N/A		N/A					
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))		N/A		N/A		N/A					
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))		N/A		N/A		N/A					
TOTAL CLAIMS (37 CFR 1.16(i))		minus 20 =		*		x \$100 =					
INDEPENDENT CLAIMS (37 CFR 1.16(h))		minus 3 =		*		x \$480 =					
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))		If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).									
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))											
* If the difference in column 1 is less than zero, enter "0" in column 2.						TOTAL					
APPLICATION AS AMENDED - PART II											
		(Column 1)		(Column 2)		(Column 3)					
AMENDMENT	05/11/2023	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR		PRESENT EXTRA		RATE (\$)		ADDITIONAL FEE (\$)	
	Total (37 CFR 1.16(i))	* 23	Minus	** 20	= 3	x \$100 =		300			
	Independent (37 CFR 1.16(h))	* 3	Minus	*** 3	= 0	x \$480 =		0			
	☐ Application Size Fee (37 CFR 1.16(s))										
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))										
								TOTAL ADD'L FEE		300	
		(Column 1)		(Column 2)		(Column 3)					
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR		PRESENT EXTRA		RATE (\$)		ADDITIONAL FEE (\$)	
	Total (37 CFR 1.16(i))	*	Minus	**	=	x \$0 =					
	Independent (37 CFR 1.16(h))	*	Minus	***	=	x \$0 =					
	☐ Application Size Fee (37 CFR 1.16(s))										
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))										
								TOTAL ADD'L FEE			
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.								LIE			
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".								/Ruby Johnson/			
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".											
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.											

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
18/051,749	11/01/2022	Yaron Brunner	066749-3677

CONFIRMATION NO. 9909

PUBLICATION NOTICE



OC000000137626013

142078
Reinhart (Milwaukee Tool)
ATTN: TRAVIS MCDONNELL, PARALEGAL
1000 NORTH WATER STREET
SUITE 2100
MILWAUKEE, WI 53202

Title:Utility Assembly and Coupling Mechanism

Publication No.US-2023-0090819-A1

Publication Date:03/23/2023

NOTICE OF PUBLICATION OF APPLICATION

The above-identified application will be electronically published as a patent application publication pursuant to 37 CFR 1.211, et seq. The patent application publication number and publication date are set forth above.

The publication may be accessed through the USPTO's publically available Searchable Databases via the Internet at www.uspto.gov. The direct link to access the publication is currently <http://www.uspto.gov/patft/>.

The publication process established by the Office does not provide for mailing a copy of the publication to applicant. A copy of the publication may be obtained from the Office upon payment of the appropriate fee set forth in 37 CFR 1.19(a)(1). Orders for copies of patent application publications are handled by the USPTO's Public Records Division. The Public Records Division can be reached by telephone at (571) 272-3150 or (800) 972-6382, by facsimile at (571) 273-3250, by mail addressed to the United States Patent and Trademark Office, Public Records Division, Alexandria, VA 22313-1450 or via the Internet.

In addition, information on the status of the application, including the mailing date of Office actions and the dates of receipt of correspondence filed in the Office, may also be accessed via the Internet through the Patent Electronic Business Center at www.uspto.gov using the public side of the Patent Application Information and Retrieval (PAIR) system. The direct link to access this status information is currently <https://portal.uspto.gov/pair/PublicPair>. Prior to publication, such status information is confidential and may only be obtained by applicant using the private side of PAIR.

Further assistance in electronically accessing the publication, or about PAIR, is available by calling the Patent Electronic Business Center at 1-866-217-9197.

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101



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www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
18/051,749	11/01/2022	Yaron Brunner	066749-3677	9909
142078	7590	03/23/2023		
Reinhart (Milwaukee Tool)			EXAMINER	
ATTN: TRAVIS MCDONNELL, PARALEGAL			WEINERTH, GIDEON R	
1000 NORTH WATER STREET				
SUITE 2100				
MILWAUKEE, WI 53202				
			ART UNIT	PAPER NUMBER
			3736	
			NOTIFICATION DATE	DELIVERY MODE
			03/23/2023	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

IPAdmin@reinhartlaw.com

Office Action Summary

Application No.

18/051,749

Applicant(s)

Brunner et al.

Examiner

GIDEON R WEINERTH

Art Unit

3736

AIA (FITF) Status

Yes

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTHS FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☒ Responsive to communication(s) filed on 07 March 2023.

☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on ____.

2a) ☒ This action is **FINAL**.

2b) ☐ This action is non-final.

3) ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on ____; the restriction requirement and election have been incorporated into this action.

4) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims*

5) ☒ Claim(s) 21-29 is/are pending in the application.

5a) Of the above claim(s) ____ is/are withdrawn from consideration.

6) ☐ Claim(s) ____ is/are allowed.

7) ☒ Claim(s) 21,23-26 and 29 is/are rejected.

8) ☒ Claim(s) 22 and 27-28 is/are objected to.

9) ☐ Claim(s) ____ are subject to restriction and/or election requirement

* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.

Application Papers

10) ☐ The specification is objected to by the Examiner.

11) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

Priority under 35 U.S.C. § 119

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

a) ☐ All b) ☐ Some** c) ☐ None of the:

1. ☐ Certified copies of the priority documents have been received.

2. ☐ Certified copies of the priority documents have been received in Application No. ____.

3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

** See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

3) ☐ Interview Summary (PTO-413)

Paper No(s)/Mail Date ____.

2) ☒ Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b)

4) ☐ Other: ____.

Paper No(s)/Mail Date 3/7/2023.

DETAILED ACTION

Notice of Pre-AIA or AIA Status

1. The present application, filed on or after March 16, 2013, is being examined under the first inventor to file provisions of the AIA.

Response to Amendment

2. In the amended claims of March 7, 2023, Claims 21-29 are pending. Claim 22 is amended.

Double Patenting

3. A rejection based on double patenting of the “same invention” type finds its support in the language of 35 U.S.C. 101 which states that “whoever invents or discovers any new and useful process... may obtain a patent therefor...” (Emphasis added). Thus, the term “same invention,” in this context, means an invention drawn to identical subject matter. See *Miller v. Eagle Mfg. Co.*, 151 U.S. 186 (1894); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); *In re Ockert*, 245 F.2d 467, 114 USPQ 330 (CCPA 1957).

A statutory type (35 U.S.C. 101) double patenting rejection can be overcome by canceling or amending the claims that are directed to the same invention so they are no longer coextensive in scope. The filing of a terminal disclaimer **cannot** overcome a double patenting rejection based upon 35 U.S.C. 101.

4. **Claims 21, 23, 24, 25, 26, and 29 are rejected under 35 U.S.C. 101 as claiming the same invention as that of claims 1, 2, 4, and 8-11 of prior U.S. Patent No. 11365026.**

5. In determining whether a statutory basis for a double patenting rejection exists, the question to be asked is: Is the same invention being claimed twice? 35 U.S.C. 101 prevents two patents from issuing on the same invention. "Same invention" means identical subject matter. *Miller v. Eagle Mfg. Co.*, 151 U.S. 186 (1894); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); *In re Ockert*, 245 F.2d 467, 114 USPQ 330 (CCPA 1957). (MPEP 804 Section II)

6. A reliable test for double patenting under 35 U.S.C. 101 is whether a claim in the application could be literally infringed without literally infringing a corresponding claim in the patent. *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970). Is there an embodiment of the invention that falls within the scope of one claim, but not the other? If there is such an embodiment, then identical subject matter is not defined by both claims and statutory double patenting would not exist. For example, the invention defined by a claim reciting a compound having a "halogen" substituent is not identical to or substantively the same as a claim reciting the same compound except having a "chlorine" substituent in place of the halogen because "halogen" is broader than "chlorine." On the other hand, claims may be differently worded and still define the same invention. Thus, a claim reciting a widget having a length of "36 inches" defines the same invention as a claim reciting the same widget having a length of "3 feet."

7. If it is determined that the same invention is being claimed twice, 35 U.S.C. 101 precludes the grant of the second patent regardless of the presence or absence of a terminal disclaimer.

8. A rejection based on the statutory type of double patenting can be avoided by amending the conflicting claims so that they are not coextensive in scope. Where the

conflicting claims are in one or more pending applications and a patent, a rejection based on statutory type double patenting can also be avoided by canceling the conflicting claims in all the pending applications. Where the conflicting claims are in two or more pending applications, a provisional rejection based on statutory type double patenting can also be avoided by canceling the conflicting claims in all but one of the pending applications. A terminal disclaimer is not effective in overcoming a statutory double patenting rejection.

9. The use of a 37 CFR 1.131(a) affidavit in overcoming a statutory double patenting rejection is inappropriate. In *re Dunn*, 349 F.2d 433, 146 USPQ 479 (CCPA 1965). *Knell v. Muller*, 174 USPQ 460 (Comm'r. Pat. 1971) (citing the CCPA decisions in *In re Ward*, 236 F.2d 428, 111 USPQ 101 (CCPA 1956); *In re Teague*, 254 F.2d 145, 117 USPQ 284 (CCPA 1958); and *In re Hidy*, 303 F.2d 954, 133 USPQ 650 (CCPA 1962)).

10. This is a statutory double patenting rejection. Please see the previously included claim comparison chart.

11. In the Remarks and Arguments of March 7, 2023, Applicant submits that Claim 21 of the subject application and claim 1 in US Patent 11365026 are not coextensive in scope. Claim 21 recites “the two sidewalls and the back wall projecting above a depressed surface of the top face” as compared to “the two sidewalls and the back wall projecting from a depressed surface of the first face.” Applicant submits that the term “above” is not coextensive with the term “from”.

12. Applicant also believes that the language of Claim 21 reciting “such that the tongue engages between the rib and the depressed surface” is distinct from the language of US 11365026 which recites “the tongue of the second container is engageable with the rib of the first container.” Claim 1 does not specify that the tongue engages between the rib and the depressed surface.

13. Applicant concludes that the statutory rejection should be withdrawn.

14. The Examiner disagrees.

15. It is the viewpoint of the Examiner that claim 21 of the Application could NOT be literally infringed without literally infringing a corresponding claim in the Patent. The Patent and the Application cover the same invention without modifying the scope of the claims.

16. Applicant is respectfully requested to submit evidence identifying in the drawings or specification as to how Patent 11365026 and the present application define different embodiments or different inventions. Is there an embodiment of the invention that falls within the scope of one claim, but not the other?

17. The language “such that the tongue engages between the rib and the depressed surface” is inherent in the structure and function of Claim 1 in US Patent 11365026. The Examiner cannot ascertain a situation wherein the Patent identifies a tongue which does not engage between the rib and the depressed surface. Applicant is invited to proffer such a situation in which the structure of Claim 1 in US Patent 11365026 does not function as specified in Claim 21 of the present application.

18. Similarly, the language “projecting above a depressed surface” and “projecting from a depressed surface” appear to be functionally identical and does not identify a different embodiment or variation in scope.

Allowable Subject Matter

19. Claims 22, 27, and 28 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims due to the filing of a Terminal Disclaimer.

Response to Arguments

20. Applicant's arguments filed March 7, 2023 have been fully considered but they are not persuasive.

21. As discussed above, Claims 21, 23, 24, 25, 26 and 29 claim the same invention as that of claims 1, 2, 4 and 8-11 of US Patent 11365026.

22. This is a statutory double patenting rejection. Applicant is required to cancel or amend the claims. A terminal disclaimer is not sufficient to overcome a statutory double patenting rejection.

23. Applicant states that the present claims are not coextensive in scope.

24. The Examiner disagrees.

25. Applicant is invited to demonstrate with reference to the Specification and Drawings how the present Application defines a different invention than the Patent. In the Examiner's view, Claims 21, 23, 24, 25, 26 and 29 of the present Application falls within the scope of Claims 1, 2, 4, and 8-11 of the patent in defining the exact same invention structure and function.

Conclusion

26. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

27. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

28. Any inquiry concerning this communication or earlier communications from the examiner should be directed to GIDEON R. WEINERTH whose telephone number is (571)270-5121. The examiner can normally be reached Monday-Friday 10AM-6PM EST.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at <http://www.uspto.gov/interviewpractice>.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Greg Pickett can be reached on (571) 272-4560. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of published or unpublished applications may be obtained from Patent Center. Unpublished application information in Patent Center is available to registered users. To file and manage patent submissions in Patent Center, visit: <https://patentcenter.uspto.gov>. Visit <https://www.uspto.gov/patents/apply/patent-center> for more information about Patent Center and <https://www.uspto.gov/patents/docx> for information about filing in DOCX format. For additional questions, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/GIDEON R WEINERTH/
Examiner, Art Unit 3736

<i>Notice of References Cited</i>	Application/Control No. 18/051,749		Applicant(s)/Patent Under Reexamination Brunner et al.	
	Examiner GIDEON R WEINERTH		Art Unit 3736	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	CPC Classification	US Classification
*	A	US-20190225371-A1	07-2019	Hoppe; Christopher S.	B65D21/0216	1/1
*	B	US-20200243925-A1	07-2020	Polakowski; Matthew R.	H01M10/635	1/1
*	C	US-10962218-B2	03-2021	Plato; Lea M.	F21S6/006	1/1
*	D	US-D936030-S	11-2021	Lee; Timothy Tin Pak	B65D21/0216	D14/188
	E					
	F					
	G					
	H					
	I					
	J					
	K					
	L					
	M					

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	CPC Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

<i>Search Notes</i> 	Application/Control No. 18/051,749	Applicant(s)/Patent Under Reexamination Brunner et al.
	Examiner GIDEON R WEINERTH	Art Unit 3736

CPC - Searched*		
Symbol	Date	Examiner
A45C7/005,0045	02/15/2023	GW
A45C5/14	02/15/2023	GW
A45C13/02	02/15/2023	GW
A45F3/10	02/15/2023	GW
B25H1/04	02/15/2023	GW
B25H3/02,021,023	02/15/2023	GW
B62B1/14	02/15/2023	GW
B65D21/0223,0209,0228	02/15/2023	GW
B62B5/067	02/15/2023	GW
B65D2255/00	02/15/2023	GW
B65H2701/533	02/15/2023	GW
Update search	03/16/2023	GW

CPC Combination Sets - Searched*		
Symbol	Date	Examiner

US Classification - Searched*			
Class	Subclass	Date	Examiner
220	4.27	02/15/2023	GW

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

/GIDEON R WEINERTH/ Examiner, Art Unit 3736	
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<i>Search Notes</i> 	Application/Control No. 18/051,749	Applicant(s)/Patent Under Reexamination Brunner et al.
	Examiner GIDEON R WEINERTH	Art Unit 3736

Search Notes		
Search Notes	Date	Examiner
Update search, Inventor search, IDS, AI MLTD search	02/15/2023	GW
IDS of 3/7/2023 considered	03/17/2023	GW

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner

/GIDEON R WEINERTH/ Examiner, Art Unit 3736	
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Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: March 7, 2023 (use as many sheets as necessary)		Application Number	18/051,749
		Filing Date	November 1, 2022
		First Named Inventor	Yaron Brunner
		Art Unit	3736
		Examiner Name	GIDEON R WEINERTH
Sheet	1	of	2
		Attorney Docket Number	066749-3677

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A1	5,906,381	05-25-1999	Hovatter	
	A2	7,416,193	08-26-2008	Barnett	
	A3	8,657,307	02-25-2014	Lifshitz	
	A4	9,776,651	10-03-2017	Huang	
	A5	11,554,898	01-17-2023	Brunner et al.	
	A6	2011/0127736	06-02-2011	Oliver	
	A7	2021/0104914	04-08-2021	Cholst	
	A8	2021/0360803	11-18-2021	Semon et al.	
	A9	2022/0117393	04-21-2022	Jenkins et al.	
	A10	2022/0240671	08-04-2022	Blumenthal et al.	
	A11	2022/0258324	08-18-2022	Blumenthal et al.	
	A12	2022/0369781	11-24-2022	Brunner et al.	
	A13	2022/0402113	12-22-2022	Brunner et al.	
	A14	2023/0027343	01-26-2023	Zheng et al.	
	A15	2023/0036215	02-02-2023	Williams et al.	

UNPUBLISHED U.S. PATENT APPLICATION DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Application Document	Filing Date of Cited Document MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Serial Number-Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

NON PATENT LITERATURE DOCUMENTS

Examiner Signature	/GIDEON R WEINERTH/	Date Considered	03/17/2023
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: March 7, 2023 <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	18/051,749
				Filing Date	November 1, 2022
				First Named Inventor	Yaron Brunner
				Art Unit	3736
				Examiner Name	GIDEON R WEINERTH
Sheet	2	of	2	Attorney Docket Number	066749-3677

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶

Examiner Signature	/GIDEON R WEINERTH/	Date Considered	03/17/2023
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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PE2E SEARCH - Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	British Equivalents	Time Stamp
L1	1523	((("Milwaukee") near3 ("Electric") near3 ("Tool") near3 ("Corporation"))).AS,AA NM.	(USPAT)	OR	ON	ON	2023/02/13 06:10 PM
L2	224	((("Keter") near3 ("Plastic") near3 ("LTD"))).AS,AA NM.	(USPAT)	OR	ON	ON	2023/02/13 06:10 PM
L3	127	((("Brunner") near3 ("Yaron"))).INV.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/13 06:11 PM
L4	107	((("Squiers") near3 ("Grant") near3 ("T"))).INV.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/13 06:11 PM
L5	144	((("Hoppe") near3 ("Christopher") near3 ("S"))).INV.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/13 06:12 PM
L6	236	((("Hyma") near3 ("Steven") near3 ("W"))).INV.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/13 06:12 PM
L7	570	220/4.27.ccls.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/13 06:14 PM
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L15	735	L11 L12 L13 L14	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/13 06:20 PM
L16	514	A45C7/005,0045.cpc.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/13 09:03 PM
L17	3807	A45C13/02.cpc.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/13 09:04 PM
L18	495	A45F3/10.cpc.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/13 09:04 PM
L19	1048	B25H1/04.cpc.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/13 09:04 PM
L20	1564	B25H3/02,021.cpc.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/13 09:04 PM
L21	1234	B62B1/14.cpc.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/13 09:04 PM
L22	910	B65D21/0209,0228.cpc.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/13 09:04 PM
L23	512	B25H3/023.cpc.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/13 09:04 PM
L24	1147	B62B5/067.cpc.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/13 09:04 PM
L25	71	B65D2255/00.cpc.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/13 09:05 PM
L26	234	B65H2701/533.cpc.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/13 09:05 PM
L27	16	L15 AND bumper	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/13 09:12 PM
L28	304	(L16 L17 L18 L19 L20 L21 L22 L23 L24 L25 L26) AND bumper	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/13 09:14 PM
L29	481	("0495537" "0509839" "1081378" "1084360" "1112943" "1488460" "1704480" "0D85986" "2042387" "2100036" "2103106" "2124541" "2210235" "2386343" "2430200" "2558126" "2588009" "2939613" "2970358" "3005282" "3117692" "3186585" "3225865" "3423786" "3424334" "3506321"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/02/15 11:09 AM

		"3514170"	"3550908"					
		"3552817"	"3567298"					
		"3743372"	"D232798"					
		"3851936"	"3935613"					
		"3974898"	"3999818"					
		"4043566"	"4122925"					
		"4168076"	"4243279"					
		"4491231"	"4524985"					
		"4564732"	"4577772"					
		"D285986"	"4639005"					
		"4643494"	"4660725"					
		"4673070"	"4684034"					
		"4693345"	"4735107"					
		"4805859"	"4817237"					
		"4929973"	"4971201"					
		"5035389"	"5035445"					
		"D319016"	"5098235"					
		"D325324"	"5105947"					
		"D326815"	"5154291"					
		"5240264"	"D340167"					
		"5282554"	"5301829"					
		"5325966"	"5356038"					
		"5356105"	"D352208"					
		"5375709"	"5429235"					
		"5429260"	"5433416"					
		"D361511"	"5454634"					
		"5538213"	"5595228"					
		"5608603"	"5622296"					
		"5628443"	"5653366"					
		"5664292"	"D395533"					
		"5775046"	"5797617"					
		"5850996"	"5890613"					
		"5951037"	"5957421"					
		"D415393"	"5988473"					
		"D420860"	"6036071"					
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		"6082687"	"6085925"					
		"6098858"	"6109627"					
		"6123344"	"6131926"					
		"6132819"	"6176558"					
		"6176559"	"D437484"					
		"D437669"	"6305498"					
		"6347847"	"6354759"					
		"6367631"	"6371320"					
		"6371321"	"6371424"					
		"D456972"	"6431580"					
		"6497395"	"6547347"					
		"6601930"	"6619772"					
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		"6889838"	"6894160"					
		"6945546"	"6948691"					
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		"7077372"	"D525789"					
		"D527225"	"7083061"					
		"7090085"	"7121417"					
		"7147243"	"7152752"					
		"D536580"	"7172164"					

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		"7263742"	"7350648"					
		"7367571"	"7431172"					
		"7448115"	"7490800"					
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		"8191910"	"D663952"					
		"D664354"	"D668869"					
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		"8714355"	"8813960"					
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		"8924752"	"8925752"					
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		"D738106"	"D738622"					
		"9132543"	"D753394"					
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		"D753396"	"D753982"					
		"D765974"						
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		"9511491"	"D777426"					
		"9551367"	"9566990"					
		"D784089"	"9616562"					
		"9643629"	"D790221"					
		"9701443"	"9725209"					
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